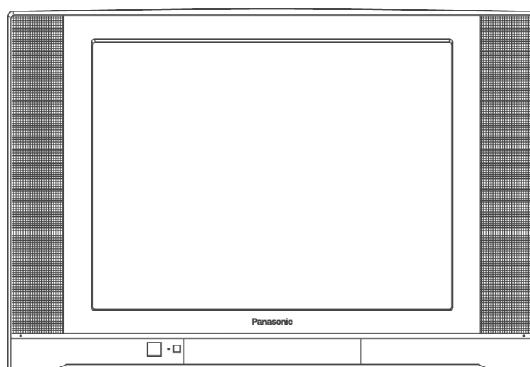


Order No. MTV0207200C3

Service Manual

Colour Television

**TX-29PS72X
MX-12 Chassis**



SPECIFICATIONS

Specification

| | |
|--------------------|---------------------------------------|
| Power Source | AC Auto 110-240 V, 50/60 Hz |
| Power Consumption | 148 W |
| Aerial Terminal | Standby condition : 2 W |
| Tuning System | Impedance : 75 Ω , Coaxial type |
| Receiving System | Frequency Synthesizer |
| Receiving Channels | Auto Search Tuning |
| VHF BAND | Pos : 100 Positions |
| | 17 Systems |
| | Regular TV |
| | 2-12 (PAL/SECAM B, K1) |
| | 0-12 (PAL B AUST.) |
| | 1-9 (PAL B N.Z.) |
| | 1-12 (PAL/SECAM D) |
| | 1-12 (NTSC M Japan) |
| | 2-13 (NTSC M U.S.A.) |
| UHF BAND | 21-69 (PAL G, H, I/SECAM G, K, K1) |
| | 28-69 (PAL B AUST.) |
| | 13-57 (PAL D, K) |
| | 13-62 (NTSC M Japan) |
| | 14-69 (NTSC M U.S.A.) |
| CATV | S1-S20 (OSCAR) |
| | 1-125 (U.S.A. CATV) |

| | |
|-------------------------------|--|
| | C13-C49 (JAPAN) S21-S41 (HYPER) Z1-Z37 (CHINA) |
| Intermediate Frequency | 38.0 MHz |
| Video | 31.5 MHz (D, K)/ 32.5 MHz (B, G) 32.0 MHz (I)/ 32.5 MHz (M) |
| Sound | 33.57 MHz (PAL)/ |
| Colour | 33.6 MHz (SECAM) 34.42 MHz (NTSC)/ 33.75 MHz (SECAM) |
| Receiving Stereo Sound System | QUADRA STEREO/ TEXT |
| Video/Audio/Terminals | IN S-Video Y:1.0Vp-p 75 Ω |
| AV 1, 2, 3, 4 | DVD IN S-Video C:0.3Vp-p 75 Ω |
| Y/ PB/ PR | (Phone Type) Y:1.0Vp-p 75 Ω PB, PR:0.7Vp-p 75 Ω Video 1.0Vp-p 75 Ω Audio Approx. 400mV 47K Ω Video 1.0Vp-p 75 Ω |
| Monitor Out | Audio Approx. 400mV 47K Ω |
| High Voltage | 31.0 (+0.7, -1.5kV) at zero beam current |
| Picture Tube | M68LQK186XH Type 29 (68 cm) Measured diagonally, 104° deflection |
| Audio Output | 20 W speaker |
| Dimensions (W x D x H) | 820 mm x 495.9 mm x 563.7 mm |
| Weight (Mass) | 48 kg (Net) |

Note:

Specifications are subject to change without notice. Mass and dimensions shown are approximate.

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 WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

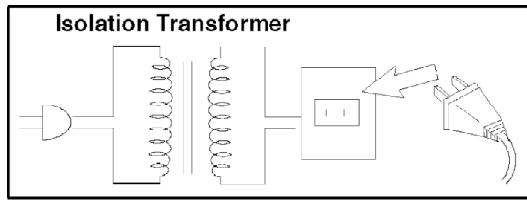
Panasonic®

1. Safety Precautions

1.1. General Guide

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis. Fig. 1.

Fig. 1

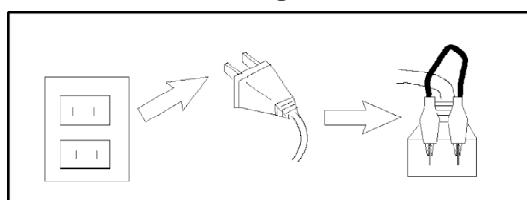


2. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, observe that all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations, are properly installed.
4. When the receiver is not to be used for a long period of time, unplug the power cord from the AC outlet.
5. Potential, as high as 31.7 kV is present when this receiver is in operation. Operation of the receiver without the receiver power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the receiver chassis before handling the tube. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.2. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug. Fig. 2.

Fig. 2



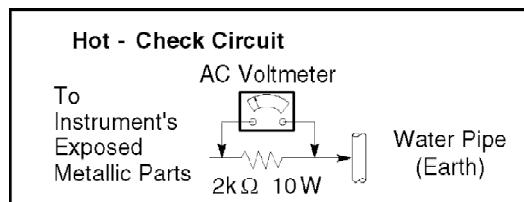
2. Turn on the receiver's power switch.
3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts,

etc. When the exposed metallic part has a return path to the chassis, the reading should be between $4\text{ M}\Omega$ and $20\text{ M}\Omega$. When the exposed metal does not have a return path to the chassis, the reading must be zero.

1.3. Leakage Current Hot Check (See Fig. 1)

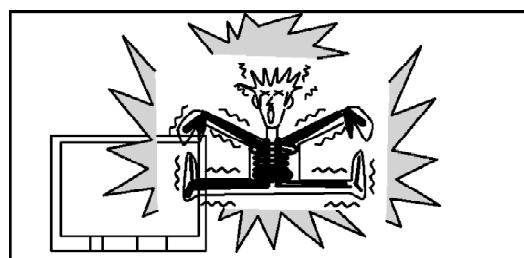
1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a $2\text{ k}\Omega$, 10 W resistor in series with an exposed metallic part on the receiver and an earth such as a water pipe.
3. Use an AC voltmeter, with high impedance type, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point. Fig. 3.

Fig. 3



5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential any point should not exceed 1.0 V rms . In the case of a measurement being outside of the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and re-checked before it is returned to the customer. Fig. 4.

Fig. 4



1.4. X-Radiation

Warning :

1. The potential sources of X-Radiation in TV sets are the EHT

section and the picture tube. /

2. When using a picture tube test rig for service, ensure that the rig is capable of handling 29.5 kV without causing X-Radiation. /

Note: It is important to use an accurate periodically calibrated high voltage meter. /

1. Set the brightness to minimum.

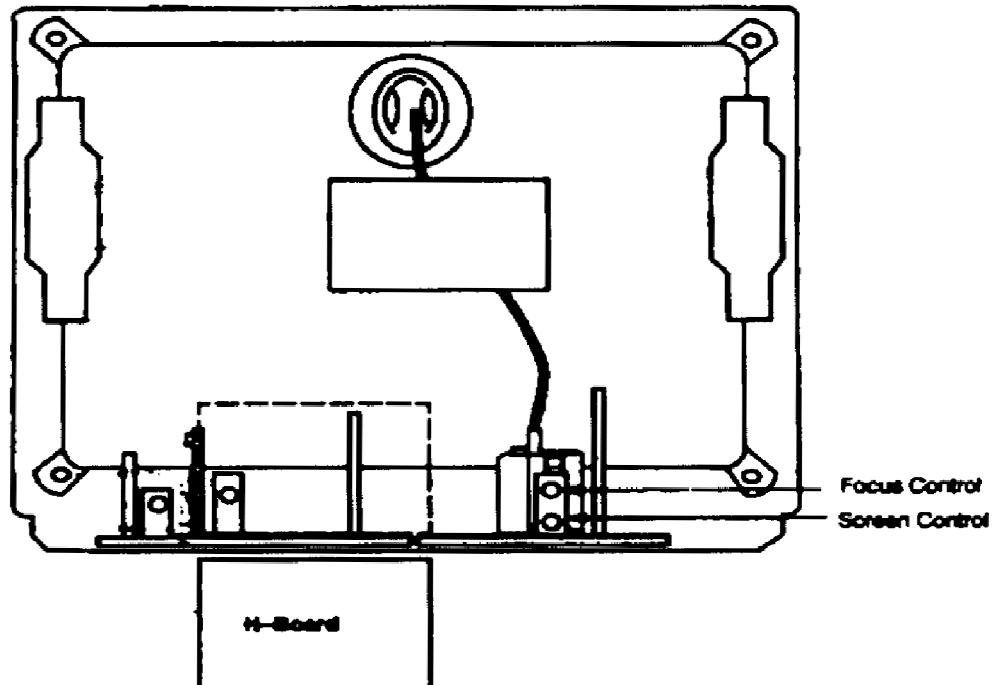
2. Measure the High Voltage. The meter reading should indicate 31.0 +0.7, -1.5kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.

3. To prevent the possibility of X-Radiation, it is essential to use the specified picture tube.

1.5. MX-12 Block Diagram

2. Location of Controls and Circuit Boards

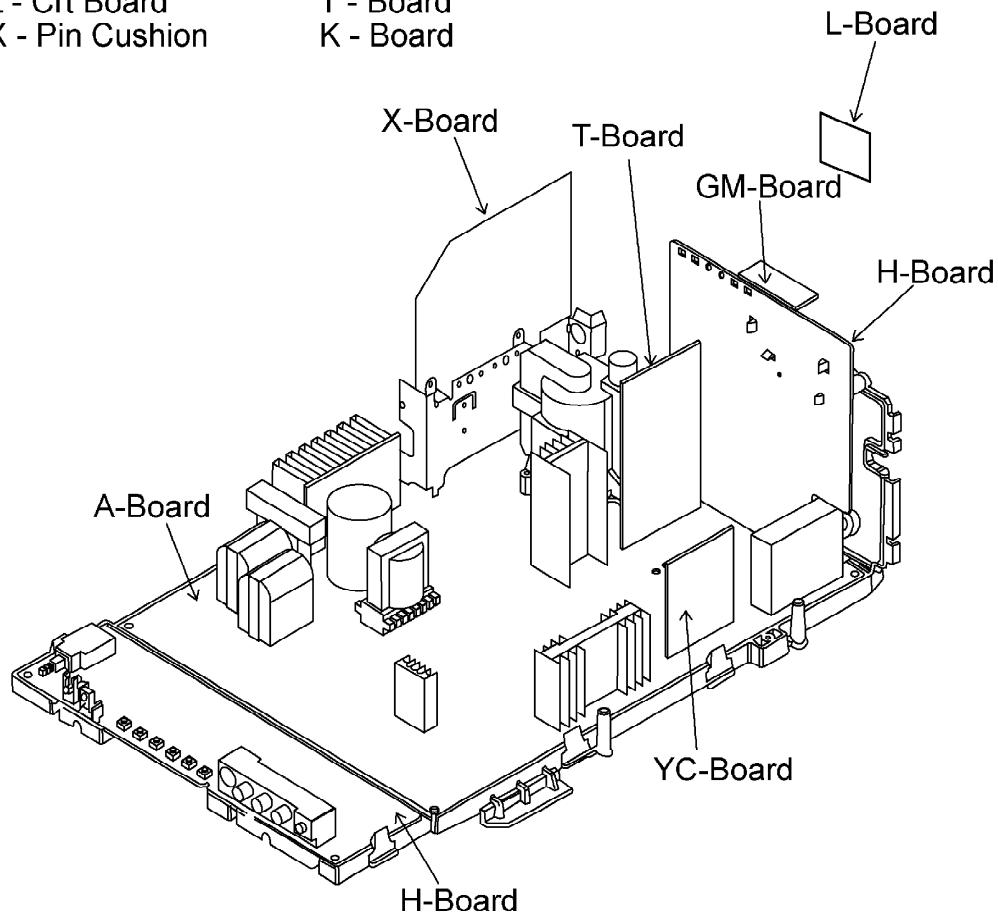
2.1. REAR VIEW



2.2. LOCATION AND FUNCTION NAME OF CIRCUIT BOARD

A - Main
H - Rear AV
L - Crt Board
X - Pin Cushion

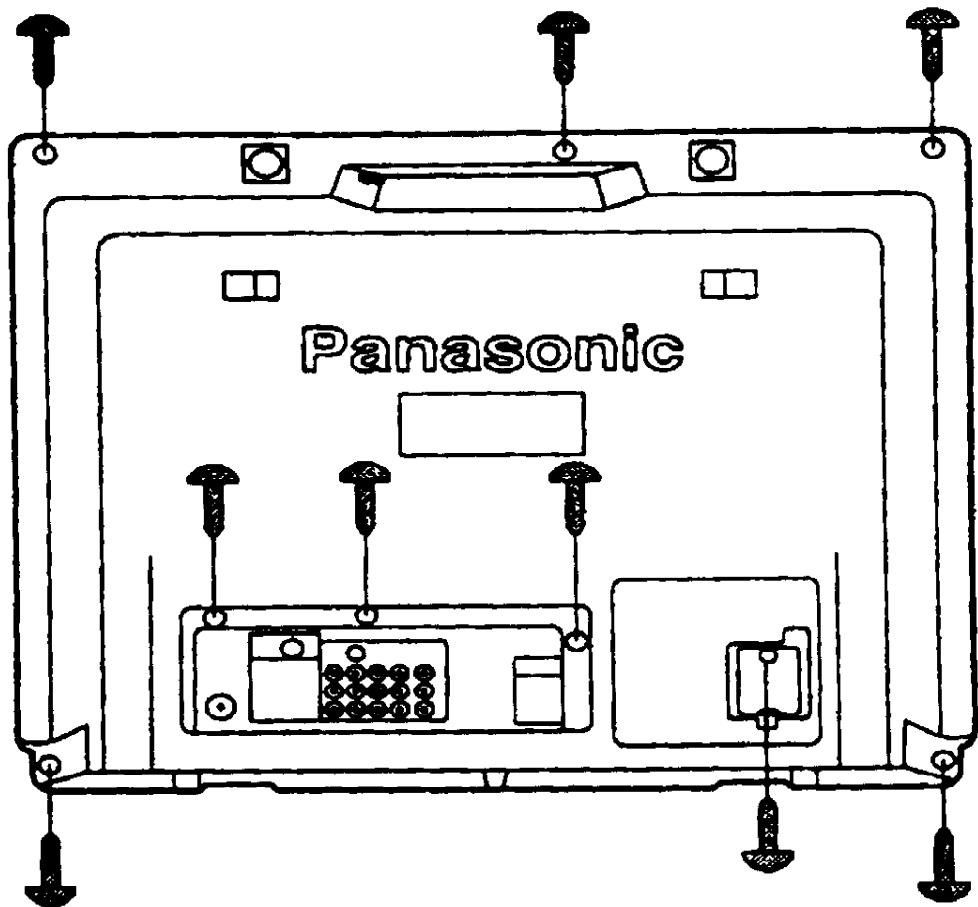
GM - GM Board
YC - Board
T - Board
K - Board



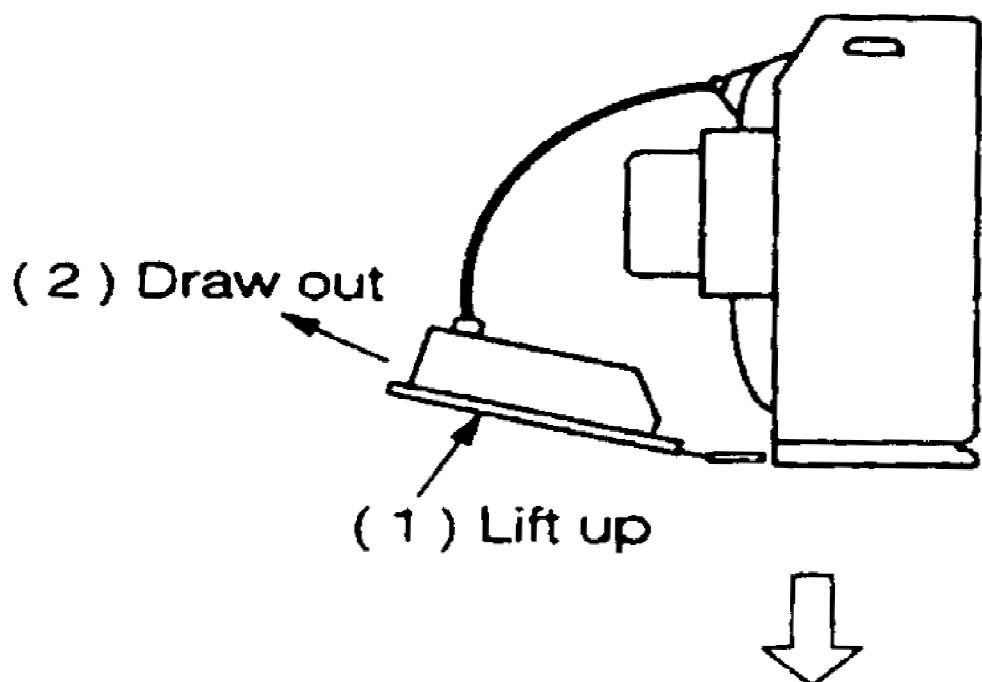
3. Service Hints

3.1. HOW TO MOVE CHASSIS INTO SERVICE POSITION.

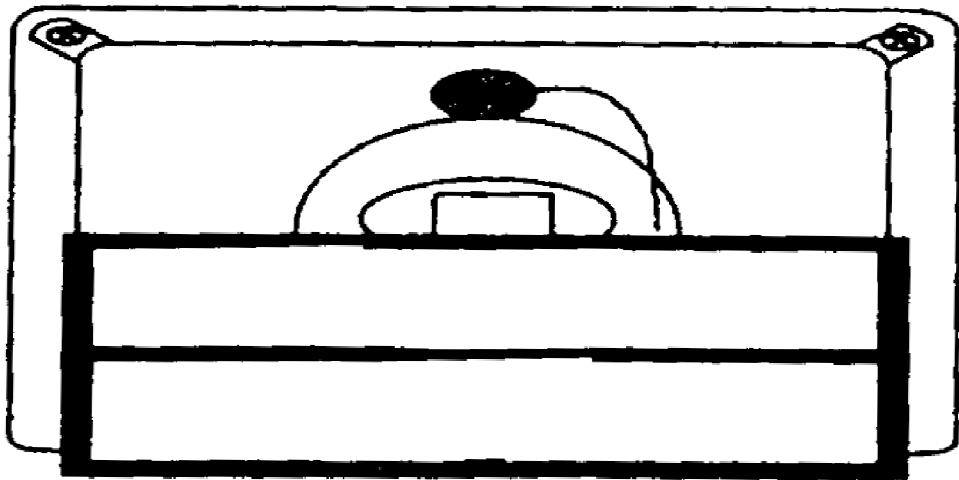
1. Remove 9 screws.



2. Draw out Main Chassis.



3. Stand the Main Chassis.



4. Market Mode Function

Outline:

MPU controls the functions switching for each ICs through IIC bus in this chassis. The following setting and adjustment can be adjusted by remote control in Market Mode.

1. Selection of Market Mode

Adjust the VOLUME “zero” and set OFF TIMER Button to 30 min.
Then, simultaneously press the RECALL Button on the remote control and the VOLUME DOWN button - the TV set.

2. Selection of CHK Mode

Cursor moves each CHK Mode by pressing “1” or “2” of 10 key button on the remote control.

1. CHK 1

| OPTION 1 | FF |
|----------|----|
| OPTION 2 | 00 |
| OPTION 3 | EE |
| OPTION 4 | 00 |
| OPTION 5 | F2 |
| OPTION 6 | 03 |
| OPTION 7 | 01 |
| OPTION 8 | 79 |
| OPTION 9 | DE |
| | |

2. CHK 2

| | |
|------------|--------|
| RF AGC | 1E H |
| AGC - LVL | 0A H |
| S CONT | 67 H |
| S-COL | 46 H |
| S-TINT | 0B - H |
| SECAM B-Y | 07 H |
| SECAM R-Y | 07 H |
| TEXT S LVL | 47 H |

3. CHK 3

| | |
|-------|------|
| S-BRI | 0A H |
| R-DRV | 42 H |
| B-DRV | 50 H |
| R-CUT | 51 H |
| G-CUT | 75 H |
| B-CUT | 9A H |

4. CHK 4

| | |
|---------|------|
| S-GEO | 1F H |
| H POS | 0C H |
| V POS | 01 H |
| H-AMP | 2F H |
| V-AMP | 49 H |
| PARAB | 47 H |
| TRAPE | 21 H |
| V-LIN | 07 H |
| T-COR | 14 H |
| B-COR | 14 H |
| V-S-COR | 0D H |
| V-H-PAR | 02 H |
| V-H-BOW | 03 H |

5. Adjustment Procedure

5.1. B VOLTAGE

| Item/Preparation | Adjustment Procedure |
|--|--|
| 1. Operate the TV set. 2. Set controls : (MARKET MODE CHK 2) / Bright Minimum / Contrast Minimum / Volume Minimum | 1. Confirm that the indicated test points for the specified voltage: / TPA 140 : $141 \pm 2V$ / TPA 12 : $12 \pm 1.0V$ / TPA 9 : $9 \pm 1V$ TPA 5 & TPA 6 : $5 \pm 0.5V$ TPA 220 : $220 \pm 15V$ TPA 3 : $3.3 \pm 0.2V$ |

5.2. RF AGC

| Item/Preparation | Adjustment Procedure |
|--|--|
| 1. Receive a colour bar pattern. 2. Set the input level to 69 (+1.2) db. (75 Ω opened) 3. Set RF AGC in CHK 2. | 1. Set RF AGC Control such as to procedure a snowy picture. 2. Set RF AGC Control at the point just before the voltage at A20 begins to drop. 3. Increase the input level by 3 db and confirm that the voltage |

5.3. HIGH VOLTAGE

| Item/Preparation | Adjustment Procedure |
|---|---|
| 1. Operate the TV set. 2. Receive the crosshatch pattern. 3. Set to 0 Beam / (Screen Control : min. CONTRAST : min) | 1. Connect a DC voltage meter to D850 cathode and confirm the 141.0 \pm 2.0V. 2. Connect a high voltage meter (Electrostatic Type) to an anode picture tube. 3. Confirm that the high voltage is within the range of 31.0 \pm 0.1V. |

5.4. SUB TINT

| Item/Preparation | Adjustment Procedure |
|--|---|
| 1. Receive a 3.58 MHz NTSC rainbow pattern 2. Connect oscilloscope to A21 pin 6. 3. Set controls: / BRT.....CENTER / COLOUR.....CENTER / CONTRAST....MAX / NTSC TINT.....CENTER / AI.....OFF | 1. Adjust Sub NTSC Tint so that the peak of level of waveform in Fig. 3 2. Receive the Rainbow pattern (3.58 MHz NTSC) on both of Main pictures. 3. Adjust Sub NTSC Tint 2 so that the peak of level of 1.3 \pm 0.5V. |

5.5. SUB CONTRAST

| Item/Preparation | Adjustment Procedure |
|---|--|
| 1. Receive a colour bar pattern. 2. Connect an oscilloscope to TPA37 or TPL2 (G OUT). 3. Connect a short jumper to FBT pin 3 or TPA 34 and TPA 5.. 4. Set controls: Picture menu Dynamic Normal AI off | 1. Adjust Bright Colour: / a = 2.4 \pm 0.2Vp-p 2. Adjust Sub Contrast Colour: / b = 2.7 \pm 0.1Vp-p |

5.6. PAL COLOUR OUTPUT

| Item/Preparation | Adjustment Procedure |
|---|---|
| 1. Receive PAL colour bar pattern. 2. Connect an oscilloscope probe to TPA 37 or TPL2 (G OUT). 3. Connect a short jumper to FBT pin 3 or TPA34 and TPA5. 4. Set control : Picture menu.....DYNAMIC NORMAL / AI.....off / | 1. Adjust Bright Control. a = 2.3 \pm 0.5Vp-p 2. Adjust Sub Colour control. 3. Connect the oscilloscope probe to TPA40. 4. Connect the waveform. b = 3.1 \pm 0.5Vp-p |

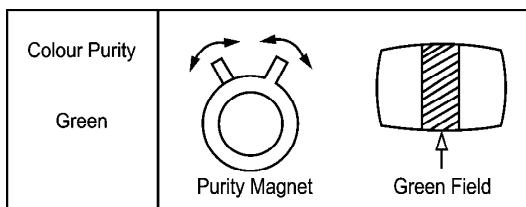
5.7. NTSC COLOUR OUTPUT

| Item/Preparation | Adjustment Procedure |
|---|---|
| 1. Apply 3.58MHz NTSC Rainbow pattern. 2. Connect an oscilloscope to TPA36 or TPL1 (R OUT). 3. Connect a short jumper to FBT pin 3 or TPA34 and TPA5. 4. Set control : Picture menu.....DYNAMIC CONTROL Channel Colour Set.....STD | 1. Adjust Bright Control. $a = 2.3 \pm 0.2V_{p-p}$ 2. Connect the waveform. $b = 1.3 \pm 0.5V_{p-p}$ |

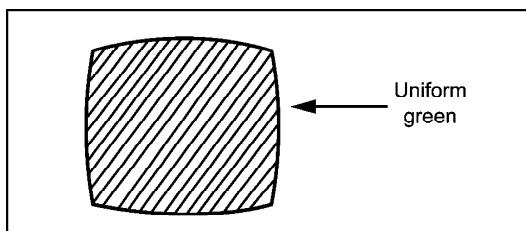
Before Colour Purity, Convergence and White Balance adjustments are attempted, V. Center, V. H. Width, H. Center and Focus adjustments must be completed.

5.8. COLOUR PURITY

1. Set Bright and Contrast controls to their maximum positions.
2. Operate the TV set over 60 minutes.
3. Full degauss the picture tube by using an external degaussing coil. By rotating R-B static convergence magnet.
4. Apply a crosshatch pattern signal and adjust roughly the static convergence magnets.
5. Apply a green pattern signal.
6. Loosen a clamp screw for the Deflection Yoke and move the Deflection Yoke as close to the purity magnet as possible.
7. Adjust the purity magnet so that a vertical green field is obtained at the center of the screen.

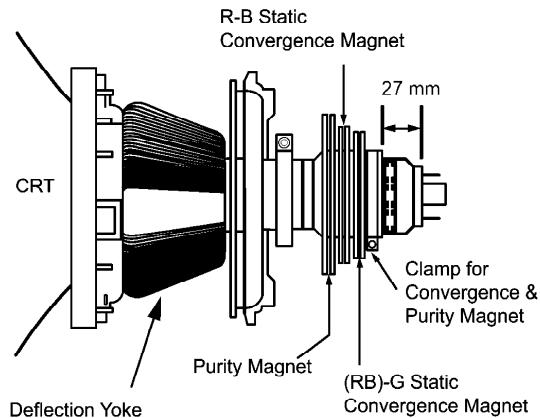


8. Slowly press the Deflection Yoke and set it where a uniform green field is obtained.



9. Adjust roughly the Low Light controls and make sure that a uniform white field is obtained.

10. Tighten the clamp screw.

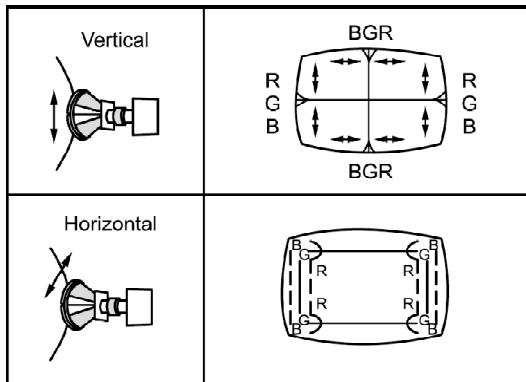


5.9. CONVERGENCE

- 1. Apply a crosshatch pattern signal and set Contrast control to the maximum position.**
- 2. Adjust Bright control to obtain a clear pattern.**
- 3. Adjust Red and Blue line at center of the screen.**

| | |
|--------------------------------------|--|
| Vertical Convergence Red & Blue | Slide magnetic tabs toward or away from each other. R-B Static Convergence Magnet |
| Horizontal Convergence Red & Blue | Rotate both magnetic rings together. R-B Static Convergence Magnet |

- 4. Adjust Red and Blue with Green line at center of the screen by rotating (RB)-G static convergence magnet.**
- 5. Lock convergence magnets with silicone sealer.**
- 6. Remove the DY wedges and slightly tilt the Deflection Yoke vertically.**



7. Fix the Deflection Yoke by re-inserting the DY wedges.
8. If purity error is found, repeat “Colour Purity” adjustment.

5.10. WHITE BALANCE (MARKET MODE CHK 3)

Preparation

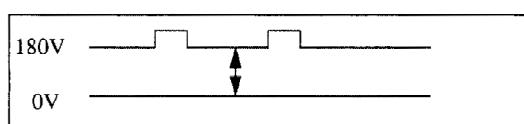
1. Receive a colour bar signal with colour “OFF”, and operate the TV set for more than 30 minutes.
2. Set the picture menu to “DYNAMIC NORMAL” and the AI to off.
3. Connect an oscilloscope to TPL7 with DC mode.
4. Set the TV set to Market Mode : white balance adjustment (CHK 3).
5. Screen VR : Min.
6. Set the data level of RGB CUT OFF / DRIVE and SUB BRIGHT.

| Display | Data Level |
|------------|------------|
| R-CUT OFF | 63 |
| G-CUT OFF | 128 |
| B-CUT OFF | 63 |
| R-DRIVE | 128 |
| B-DRIVE | 128 |
| SUB BRIGHT | 63 |

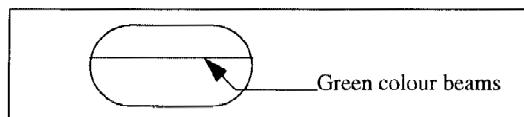
Adjustment

1. Select G-CUTOFF adjustment mode and collapse vertical scan.
2. Adjust G-CUTOFF control to become the DC=0 V to video level at 180 V as shown in Fig. 1.

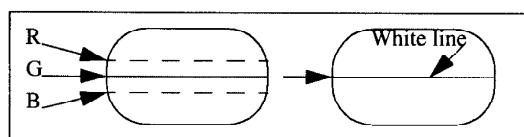
Fig. 1



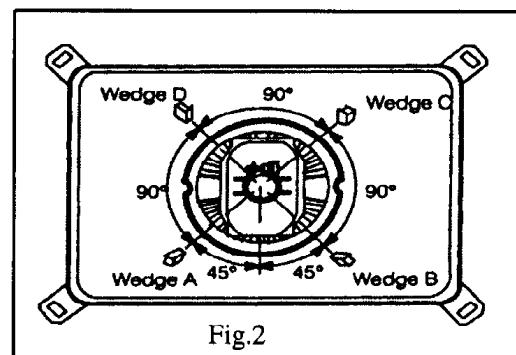
3. Slowly turn the screen control clockwise until a green colour horizontal line appears on the picture tube. This is the setting point for the screen control. / Note:
Do not adjust the G-CUTOFF setting in the following procedure.



4. Adjust the remaining R and B-CUTOFF controls so as to get a white horizontal line on the screen.



5. Return to full field SCAN by pushing the position 5 key on the remote control.
6. Adjust the R-Drive and B-Drive controls as to obtain a uniform white on the white bar of the greyscale pattern.
7. Confirm correct B/W rendition and greyscale tracking or repeat CUTOFF and drive control setup. / /
Note: / Write down the original value for each address adjustment before adjusting anything.



8. Wedge A shown in Fig. 2 should be fixed within a range of 45° to the left of the vertical line as shown.
9. After inserting wedge A, insert wedges B, C and D. / The wedges should be set 90° apart from each other.
10. Be certain that the four wedges are firmly fixed and the Deflection Yoke is tightly clamped in place otherwise the

Deflection Yoke may shift its position and cause a loss of convergence and purity.

6. Conductor Views

6.1. A-Board

7. Schematic Diagrams

7.1. SCHEMATIC DIAGRAM FOR MODEL TX-29PS72X / (MX-12 CHASSIS)

Important Safety Notice

Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Notes:

1. Resistor

All resistors are carbon 1/4W resistor, unless marked as follows:

Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).

| | | | |
|----------------|----------------|-------------|---------------|
| \bigcirc | : Nonflammable | \boxtimes | : Metal Oxide |
| Δ | : Solid | \odot | : Metal Film |
| \blacksquare | : Wire Wound | \otimes | : Fuse: |

2. Capacitor

All capacitors are ceramic 50V capacitor, unless marked as follows:

Unit of capacitance is μF , unless otherwise noted.

| | | | |
|-------------|----------------------------|---|-------------------|
| \otimes | : Temperature Compensation | $\begin{matrix} + \\ \parallel \\ - \end{matrix}$ | : Electrolytic |
| M | : Polyester | $\begin{matrix} + \\ NP \\ - \end{matrix}$ | : Bipolar |
| m | : Metallized Polyester | $\begin{matrix} + \\ T \end{matrix}$ | : Dipped Tantalum |
| \boxtimes | : Polypropylene | $\begin{matrix} + \\ Z \end{matrix}$ | : Z-Type |

3. Coil

Unit of inductance is μH , unless otherwise noted.

4. Test Point

\bigcirc : Test Point position

5. Earth Symbol

$\not\parallel$: Chassis Earth (Cold)

\downarrow : Line Earth (Hot)

6. Voltage Measurement

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following:

| | |
|-------------------------------|------------------------|
| Power Source | AC 110-240V, 50/60 Hz |
| Receiving Signal | Colour Bar signal (RF) |
| All customer's controls | Maximum positions |

7. Number in red circle indicates waveform number.

(See waveform pattern table.)

8. When arrow mark (\nearrow) is found, connection is easily found from the direction of arrow

9. Indicates the major signal flow. \rightarrow : Video \Rightarrow : Audio

10. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.

All circuits, except the Power Circuit, are cold.

Precautions

- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
- b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.

2. Following diodes are interchangeable.

MA150- MA162 (Replacement part)

7.2. A Board

7.2.1. A Board (1/4)

7.2.2. A Board (2/4)

7.2.3. A Board (3/4)

7.2.4. A Board (4/4)

7.3. GM Board

7.3.1. GM Board (1/2)

7.3.2. GM Board (2/2)

7.4. H Board

7.4.1. H Board (1/2)

7.4.2. H Board (2/2)

7.5. YC Board

7.5.1. YC Board (1/2)

7.5.2. YC Board (2/2)

7.6. L Board

7.6.1. L Board (1/2)

7.6.2. L Board (2/2)

7.7. K Board

7.7.1. K Board (1/2)

7.7.2. K Board (2/2)

7.8. X Board

7.8.1. X Board (1/2)

7.8.2. X Board (2/2)

7.9. T Board

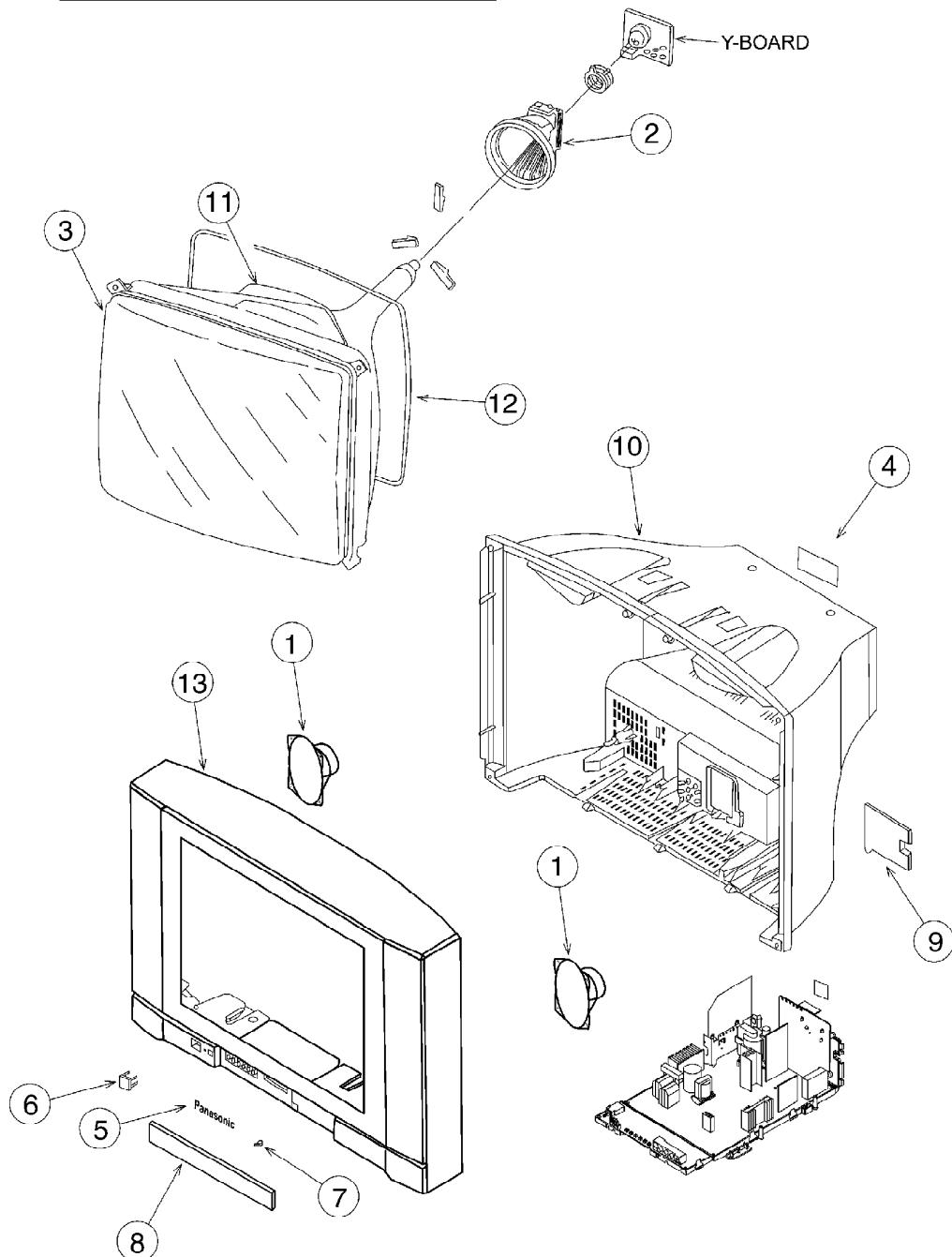
7.9.1. T Board (1/2)

7.9.2. T Board (2/2)

8. Parts Locations

PARTS LOCATION

Note: The number on mechanical parts indicates Ref. No. of Replacement Parts List.



9. Replacement Parts List

9.1. Replacement Parts List Notes

Important Safety Notice

Components identified by  mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: Printed circuit board assembly with "NLA" is no longer available after production discontinuation of the complete set.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type

Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type

Allowance

| Type | Allowance |
|-------------------------------|-----------|
| C : Carbon | F : ±1% |
| F : Fuse | G : ±2% |
| M : Metal Oxide Metal Film | J : ±5% |
| S : Solid | K : ±10% |
| W : Wire Wound | M : ±20% |

| Type | Allowance |
|------------------|----------------|
| C : Ceramic | C : ±0.25pF |
| E : Electrolytic | D : ±0.5pF |
| P : Polyester | F : ±1pF |
| | G : ±3pF |
| | J : ±5pF |
| T : Tantalum | K : ±10pF |
| | L : ±15pF |
| | M : ±20pF |
| | P : +100%, -0% |
| | Z : +80%, -20% |

9.2. Replacement Parts List

| Ref. No. | Part No. | Part Name & Description | Remarks |
|-----------|--------------|-------------------------|---------|
| <u>1</u> | EASG12D563A2 | SPEAKER | |
| | EUR646932 | REMOTE CONTROL | |
| <u>2</u> | KDY4UHF35F | DEFLECTION YOKE | ⚠ |
| <u>3</u> | M68LUQ086XL | PICTURE TUBE | ⚠ |
| | TBL4G3403 | SET LEG | |
| | TBL4G3404 | SET LEG | |
| <u>4</u> | TBM4G0884 | MODEL NAME PLATE | ⚠ |
| <u>5</u> | TBM4G3011 | PANASONIC BADGE | |
| <u>6</u> | TBX4G88201 | POWER BUTTON | |
| <u>7</u> | TEK6935 | DOOR SWITCH | |
| | TES4G406 | COIL SPRING | |
| | THT4G1011R | CRT SCREW | |
| | THT4G1013R | SCREW | |
| | TJB1726400 | 750OHM ADAPTOR | |
| <u>8</u> | TKP4G12714 | DOOR | |
| <u>9</u> | TKP4G12720 | REAR AV BRACKET | |
| <u>10</u> | TKU4GA0200-2 | BACK COVER | |
| <u>11</u> | TLK4G9022T-1 | ROTATION COIL | ⚠ |
| <u>12</u> | TLK4G9064X | DEGAUSSING COIL | ⚠ |
| | TMM4G503 | RUBBER WEDGE | |
| NLA | TNP4G118AW | GM BOARD | ⚠ |
| NLA | TNP4G219AA | A BOARD | ⚠ |
| NLA | TNP4G220AA | H BOARD | ⚠ |
| NLA | TNP4G221AA | YC BOARD | ⚠ |
| NLA | TNP4G228AA | L BOARD | ⚠ |
| NLA | TNP4G229AA | K BOARD | ⚠ |
| NLA | TNP4G240AA | X BOARD | ⚠ |
| NLA | TNP4G252AB | T BOARD | ⚠ |
| | TPC4G48101 | CARTON | |
| | TPD4G2088 | CUSHION (BOTTOM) | |
| | TPE4G14023 | SET COVER | |
| | TPE4G14034 | TOP COVER | |
| | TQB4G3227 | FAN BAG | |
| | TSM10032-3 | MAGNET | |
| | TSN63115-4 | PURITY MAGNET | |
| | TSX4G166H | AC POWER CORD | ⚠ |
| <u>13</u> | TXFKY0129PS | CABINET ASSY | |
| | TXFPD01YG2S | CUSHION (TOP) | |
| | RESISTORS | | |
| R101 | ERG3FJ822H | M 8.2KOHM,J, 3W | |
| R106 | ERJ6GEYJ823 | M 82KOHM,J,1/10W | |
| R108 | ERJ6GEYJ153 | M 15KOHM,J,1/10W | |
| R110 | ERJ6GEYJ100 | M 10OHM,J,1/10W | |
| R115 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R116 | ERJ6GEYJ470 | M 47OHM,J,1/10W | |
| R117 | ERJ6GEYJ122 | M 1.2KOHM,J,1/10W | |
| R118 | ERJ6GEYJ122 | M 1.2KOHM,J,1/10W | |
| R119 | ERJ6GEYJ121 | M 120OHM,J,1/10W | |
| R120 | ERJ6GEYJ682 | M 6.8KOHM,J,1/10W | |
| R121 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R125 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R126 | ERJ6GEYJ122 | M 1.2KOHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|-------------|-------------------------|---------|
| R127 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R128 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R140 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R141 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R142 | ERJ6GEYJ121 | M 120OHM,J,1/10W | |
| R143 | ERJ6GEYJ470 | M 47OHM,J,1/10W | |
| R144 | ERJ6GEYJ122 | M 1.2KOHM,J,1/10W | |
| R180 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R181 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R182 | ERJ6GEYJ683 | M 68KOHM,J,1/10W | |
| R183 | ERJ6GEYJ333 | M 33KOHM,J,1/10W | |
| R184 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R185 | ERJ6GEYJ123 | M 12KOHM,J,1/10W | |
| R186 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R584 | ERJ6GEYJ272 | M 2.7KOHM,J,1/10W | |
| R585 | ERDS2TJ392 | C 3.9KOHM,J, 1/4W | |
| R586 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R587 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R588 | ERJ6GEYJ513 | M 51KOHM,J,1/10W | |
| R589 | ERJ6GEYJ683 | M 68KOHM,J,1/10W | |
| R601 | ERJ6GEYJ333 | M 33KOHM,J,1/10W | |
| R602 | ERJ6GEYJ682 | M 6.8KOHM,J,1/10W | |
| R610 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R611 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R612 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R615 | ERJ6GEYJ563 | M 56KOHM,J,1/10W | |
| R616 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R617 | ERJ6GEYJ182 | M 1.8KOHM,J,1/10W | |
| R618 | ERJ6GEYJ182 | M 1.8KOHM,J,1/10W | |
| R622 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R623 | ERJ6GEYJ241 | M 240OHM,J,1/10W | |
| R624 | ERJ6GEYJ241 | M 240OHM,J,1/10W | |
| R625 | ERJ6GEYJ241 | M 240OHM,J,1/10W | |
| R626 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R630 | ERDS2TJ101 | C 100OHM,J, 1/4W | |
| R631 | ERDS2TJ101 | C 100OHM,J, 1/4W | |
| R633 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R634 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R635 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R636 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R640 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R641 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R651 | ERJ6GEYJ512 | M 5.1KOHM,J,1/10W | |
| R666 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R669 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R670 | ERJ6GEYJ511 | M 510OHM,J,1/10W | |
| R671 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R682 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R683 | ERJ6GEYJ181 | M 180OHM,J,1/10W | |
| R684 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R685 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R686 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R691 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R692 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R693 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R700 | ERQ2CJPR47S | F 0.47OHM,J, 2W | |
| R708 | ERQ1CJ101 | F 100OHM,J, 1W | |
| R709 | ERQ2CJP102S | F 1KOHM,J, 2W | |
| R731 | ERJ6ENF5602 | M 56KOHM, 1/10W | |
| R732 | ERJ6ENF5232 | M52.3KOHM, 1/10W | |
| R733 | ERJ6ENF4751 | M4.75KOHM, 1/10W | |
| R734 | ERJ6ENF2002 | M 20KOHM, 1/10W | |
| R735 | ERJ6ENF5602 | M 56KOHM, 1/10W | |
| R736 | ERJ6ENF1202 | M 12KOHM, 1/10W | |
| R737 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R738 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R750 | ER0S2CHF4992 | M49.9KOHM,F, 1/4W | |
| R751 | ERD25TJ104 | C 100KOHM,J, 1/4W | |
| R752 | ERDS2TJ103 | C 10KOHM,J, 1/4W | |
| R753 | ERDS2TJ821 | C 820OHM,J, 1/4W | |
| R755 | ER0S2CHF1503 | M 150KOHM,F, 1/4W | |
| R756 | ER0S2CKF1152 | M11.5KOHM,F, 1/4W | |
| R758 | TAR26NJ2R7Z | W 2.7OHM,J, 7W | |
| R760 | ERJ6GEYJ393 | M 39KOHM,J,1/10W | |
| R761 | ERJ6GEYJ393 | M 39KOHM,J,1/10W | |
| R762 | ERJ6GEYJ273 | M 27KOHM,J,1/10W | |
| R764 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R765 | ERQ12AJ150E | F 15OHM,J, 1/2W | |
| R766 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R767 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R768 | ERQ2CJP2R7S | F 2.7OHM,J, 2W | |
| R1001 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R1003 | ERJ6GEYJ470 | M 47OHM,J,1/10W | |
| R1004 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R1005 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R1006 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R1102 | ERJ6ENF1001 | M 1KOHM, 1/10W | |
| R1103 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R1104 | ER0S2CKF1002 | M 10KOHM,F, 1/4W | |
| R1105 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R1107 | ERJ6GEYJ432 | M 4.3KOHM,J,1/10W | |
| R1112 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R1120 | ERDS2TJ101 | C 100OHM,J, 1/4W | |
| R1121 | ERDS2TJ472 | C 4.7KOHM,J, 1/4W | |
| R1122 | ERDS2TJ472 | C 4.7KOHM,J, 1/4W | |
| R1123 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R1124 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R1131 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1132 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1133 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R1134 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R1135 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1136 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R1137 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R1139 | ERJ6GEYJ273 | M 27KOHM,J,1/10W | |
| R1140 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R1141 | ERDS2TJ102 | C 1KOHM,J, 1/4W | |
| R1142 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R1144 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R1145 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R1146 | ERDS2TJ102 | C 1KOHM,J, 1/4W | |
| R1147 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R1148 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R1149 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R1150 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R1151 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R1152 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R1153 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1154 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R1155 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R1156 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R1157 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R1158 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R1160 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R1161 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R1162 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R1163 | ERDS2TJ221 | C 220OHM,J, 1/4W | |
| R1164 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R1165 | ERDS2TJ221 | C 220OHM,J, 1/4W | |
| R1166 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R1167 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R1170 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R1171 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R1172 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R1174 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R1175 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R1280 | ERJ6ENF6491 | M6.49KOHM, 1/10W | |
| R1281 | ERJ6ENF1501 | M 1.5KOHM, 1/10W | |
| R1282 | ERJ6ENF1471 | M1.47KOHM, 1/10W | |
| R1283 | ERJ6ENF2051 | M2.05KOHM, 1/10W | |
| R1284 | ERJ6ENF3241 | M3.24KOHM, 1/10W | |
| R1285 | ERJ6ENF9531 | M9.53KOHM, 1/10W | |
| R2101 | ERDS1FJ150 | C 15OHM, J,1/2W | |
| R2104 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R2110 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R2111 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R2112 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R2113 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R3087 | ERJ6GEYJ750 | M 75OHM, 1/10W | |
| R3088 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3089 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3101 | ERJ6GEYJ750 | M 75OHM, 1/10W | |
| R3106 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3107 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R3108 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3109 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R3110 | ER0S2CHF2002 | M 20KOHM,F, 1/4W | |
| R3111 | ER0S2CKF1052 | M10.5KOHM,F, 1/4W | |
| R3112 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R3113 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R3114 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R3154 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R3155 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R3507 | ERJ6GEYJ301 | M 300OHM,J,1/10W | |
| R3508 | ERJ6GEYJ301 | M 300OHM,J,1/10W | |
| R3509 | ERJ6GEYJ301 | M 300OHM,J,1/10W | |
| R3510 | ERJ6GEYJ1R0 | M 1OHM,J,1/10W | |
| R3511 | ERJ6ENF1242 | M12.4KOHM, 1/10W | |
| R3512 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3515 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R3516 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R3518 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R3519 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R3520 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3521 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3522 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3523 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3524 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3525 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R3526 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R3527 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R3528 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3529 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R3530 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R3531 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R3532 | ERJ6GEYJ182 | M 1.8KOHM,J,1/10W | |
| R3533 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R3543 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3544 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3551 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3552 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3553 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R3554 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R3560 | ERJ6GEYJ272 | M 2.7KOHM,J,1/10W | |
| R3561 | ERJ6GEYJ272 | M 2.7KOHM,J,1/10W | |
| R3581 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R3583 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R3584 | ERJ6GEYJ823 | M 82KOHM,J,1/10W | |
| R3585 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R3586 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R3587 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R3588 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R3590 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R4800 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R4803 | ERX2SJ2R7E | M 2.7OHM,J, 2W | |
| R4804 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R4805 | ERJ6ENF1331 | M1.33KOHM, 1/10W | |
| R4806 | ERJ6ENF3320 | M 332OHM, 1/10W | |
| R4807 | ERJ6ENF1001 | M 1KOHM, 1/10W | |
| R4808 | ERJ6ENF3832 | M38.3KOHM, 1/10W | |
| R4809 | ERJ6ENF9091 | M9.09KOHM, 1/10W | |
| R4810 | ERJ6ENF2213 | M 221KOHM, 1/10W | |
| R4811 | ERJ6ENF5491 | M5.49KOHM, 1/10W | |
| R4812 | ER0S2CKF5621 | M5.62KOHM,F, 1/4W | |
| R4815 | ERDS1FJ100 | C 10OHM, J,1/2W | |
| R5546 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|------------|--------------|-------------------------|---------|
| R5547 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R5548 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R5550 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R5551 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R5552 | ERJ6GEYJ151 | M 150OHM,J,1/10W | |
| R5553 | ERJ6GEYJ392 | M 3.9KOHM,J,1/10W | |
| R5554 | ERJ6GEYJ202 | M 2KOHM,J,1/10W | |
| R5555 | ERJ6GEYJ151 | M 150OHM,J,1/10W | |
| R5556 | ERJ6GEYJ151 | M 150OHM,J,1/10W | |
| R5557 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R5558 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R5559 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R5560 | ERJ6GEYJ122 | M 1.2KOHM,J,1/10W | |
| R5561 | ERJ6GEYJ392 | M 3.9KOHM,J,1/10W | |
| R5565 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R5566 | ERJ6GEYJ821 | M 820OHM,J,1/10W | |
| R5569 | ERJ6GEYJ241 | M 240OHM,J,1/10W | |
| R5570 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R5571 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R5572 | ERJ6GEYJ122 | M 1.2KOHM,J,1/10W | |
| R5573 | ERD25VJ392 | C 3.9KOHM,J, 1/4W | |
| R5580 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R5581 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R5582 | ERJ6GEYJ123 | M 12KOHM,J,1/10W | |
| R5583 | ERJ6GEYJ123 | M 12KOHM,J,1/10W | |
| R5584 | ERJ6GEYJ151 | M 150OHM,J,1/10W | |
| R5585 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R5586 | ERJ6ENF1101 | M 1.1KOHM, 1/10W | |
| R5587 | ERJ6ENF3300 | M 330OHM, 1/10W | |
| R5588 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R5589 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R5590 | ERJ6ENF5231 | M5.23KOHM, 1/10W | |
| R5591 | ERJ6ENF2001 | M 2KOHM, 1/10W | |
| R5592 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R5593 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R5594 | ERJ6GEYJ333 | M 33KOHM,J,1/10W | |
| R5595 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| CAPACITORS | | | |
| C101 | ECEA1CKA220 | E 22UF, 16V | |
| C103 | ECQV1H224JL | P 0.22UF, J, 50V | |
| C110 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C111 | ECA1AM471B | E 470UF, 10V | |
| C112 | ECEA1HKA010 | E 1UF, 50V | |
| C113 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C114 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C115 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C116 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C126 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C127 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C128 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C140 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C141 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C142 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C144 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C150 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C152 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C180 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C181 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C182 | ECA1CM101B | E 100UF, 16V | |
| C354 | ECUX1H330JCX | C 33PF, J, 50V | |
| C355 | ECUX1H330JCX | C 33PF, J, 50V | |
| C356 | ECUX1H330JCX | C 33PF, J, 50V | |
| C359 | ECQM4104KZ | P 0.1UF, K,400V | |
| C368 | ECQV1H224JL | P 0.22UF, J, 50V | |
| C370 | ECKW3D102KBR | C 1000PF, K, 2KV | |
| C371 | ECEA1CN100U | E 10UF, 16V | |
| C673 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C674 | ECJ2VB1H472K | C 4700PF, K, 50V | |
| C676 | ECJ2VC1H221J | C 220PF, J, 50V | |
| C680 | ECJ2VB1H222K | C 2200PF, K, 50V | |
| C681 | ECA1HMR47B | E 0.47UF, 50V | |
| C682 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C690 | ECA1HM100B | E 10UF, 50V | |
| C691 | ECA1HM470B | E 47UF, 50V | |
| C692 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C693 | ECA1HM470B | E 47UF, 50V | |
| C694 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C695 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C701 | ECQV1H684JM | P 0.68UF, J, 50V | |
| C703 | ECWF2684JBB | P 0.68UF, J,250V | |
| C705 | ECWF2754JBB | P 0.75UF, J,250V | |
| C708 | ECQE2824KF | P 0.82UF, K,250V | |
| C731 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C742 | F2A1E2210045 | E 220UF, 25V | |
| C750 | ECA1HM100B | E 10UF, 50V | |
| C751 | ECQB1H393JF | P 0.039UF, J, 50V | |
| C752 | ECA1HM100B | E 10UF, 50V | |
| C753 | ECKR1H101KB5 | C 100PF, K, 50V | |
| C760 | ECA1HHG101 | E 100UF, 50V | |
| C761 | ECQB1H102KF | P 1000PF, K, 50V | |
| C762 | ECQV1H105JM | P 1UF, J, 50V | |
| C763 | ECQV1H105JM | P 1UF, J, 50V | |
| C765 | ECEA1HGE100 | E 10UF, 50V | |
| C766 | ECQB1H223JF | P 0.022UF, J, 50V | |
| C801 | ECQU2A224BN9 | P 0.22UF, 250V | ⚠ |
| C802 | ECQU2A224BN9 | P 0.22UF, 250V | ⚠ |
| C806 | ECKWAE472ZED | C 4700PF, Z,500V | ⚠ |
| C807 | ECKWAE472ZED | C 4700PF, Z,500V | ⚠ |
| C808 | ECKWAE472ZED | C 4700PF, Z,500V | ⚠ |
| C809 | ECKWAE472ZED | C 4700PF, Z,500V | ⚠ |
| C810 | F2B2G5610003 | E 560UF, 400V | |
| C811 | ECQM4473JZ | P 0.047UF, J,400V | |
| C814 | ECQE2A473JF | P 0.047UF, J,250V | |
| C816 | ECA1VM100B | E 10UF, 35V | |
| C820 | ECKW3D101KBP | C 100PF, K, 2KV | |
| C821 | ECKW3D102KBP | C 1000PF, K, 2KV | |
| C825 | ECQB1H221JF | P 220PF, J, 50V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C826 | ECQB1H104JF | P 0.1UF, 50V | |
| C827 | ECA1CM100B | E 10UF, 16V | |
| C828 | ECQB1H104JF | P 0.1UF, 50V | |
| C830 | ECQB1H102JF | P 1000PF, 50V | |
| C835 | ECKCNA222ME7 | C 2200PF, M, | |
| C840 | ECKCNA101MB7 | C 100PF, M, | |
| C841 | ECKCNA152ME7 | C 1500PF, M, | |
| C842 | ECKCNA152ME7 | C 1500PF, M, | |
| C850 | ECKW3D122KBP | C 1200PF, K, 2KV | |
| C851 | ECKR2H221KB5 | C 220PF, K,500V | |
| C852 | F2A1E2210045 | E 220UF, 25V | |
| C853 | ECKR2H331KB5 | C 330PF, K,500V | |
| C855 | EC0S2CA271BB | E 270UF, 160V | |
| C856 | F2A1E2720011 | E 2700UF, 25V | |
| C857 | ECA1EHG222E | E 2200UF, 25V | |
| C858 | ECA1EM102B | E 1000UF, 25V | |
| C859 | ECKR2H331KB5 | C 330PF, K,500V | |
| C862 | ECA1EM102B | E 1000UF, 25V | |
| C870 | ECJ2VF1H473Z | C 0.047UF, Z, 50V | |
| C871 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C877 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C878 | ECA1VM101B | E 100UF, 35V | |
| C879 | ECJ2VF1C474Z | C 0.47UF, Z, 16V | |
| C880 | ECA1EM101B | E 100UF, 25V | |
| C881 | ECA1HM100B | E 10UF, 50V | |
| C883 | EEUFC1C221B | E 220UF, 16V | |
| C2146 | ECJ2VC1H560J | C 56PF, J, 50V | |
| C2148 | ECJ2VC1H470J | C 47PF, J, 50V | |
| C2149 | ECJ2VC1H070D | C 7PF, D, 50V | |
| C2150 | ECJ2VC1H470J | C 47PF, J, 50V | |
| C2151 | ECJ2VC1H010C | C 1PF, C, 50V | |
| C2152 | ECJ2VC1H010C | C 1PF, C, 50V | |
| C2801 | ECA1HM010B | E 1UF, 50V | |
| C2802 | ECJ2VF1H224Z | C 0.22UF, Z, 50V | |
| C2804 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2805 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C2806 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C2808 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C2810 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C2811 | ECA1HM010B | E 1UF, 50V | |
| C2812 | ECJ2VF1H224Z | C 0.22UF, Z, 50V | |
| C2813 | ECJ2VC1H181J | C 180PF, J, 50V | |
| C2814 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C2818 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C2830 | ECA1CM101B | E 100UF, 16V | |
| C2850 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C2851 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C3001 | ECA1HM101B | E 100UF, 50V | |
| C3002 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C3003 | ECA1HM101B | E 100UF, 50V | |
| C3004 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C3005 | ECA1HM101B | E 100UF, 50V | |
| C3006 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C3007 | ECJ2ZF1C105Z | C 1UF, Z, 16V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C3008 | ECEA1CN100U | E 10UF, 16V | |
| C3010 | ECA1CM100B | E 10UF, 16V | |
| C3011 | ECA1CM100B | E 10UF, 16V | |
| C3012 | ECEA1CN100U | E 10UF, 16V | |
| C3013 | ECJ2VC1H680J | C 68PF, J, 50V | |
| C3020 | ECA1CM100B | E 10UF, 16V | |
| C3021 | ECA1CM100B | E 10UF, 16V | |
| C3022 | ECA1CM100B | E 10UF, 16V | |
| C3025 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C3026 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C3027 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C3028 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C3030 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C3031 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C3032 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C3033 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C3034 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C3035 | ECJ2VB1H682K | C 6800PF, K, 50V | |
| C3036 | ECJ2VB1H682K | C 6800PF, K, 50V | |
| C3039 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C3041 | ECJ2VC1H221J | C 220PF, J, 50V | |
| C3042 | ECJ2VC1H391J | C 390PF, J, 50V | |
| C3053 | ECA1CM100B | E 10UF, 16V | |
| C3055 | ECA1CM470B | E 47UF, 16V | |
| C3056 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C3062 | ECJ2VB1H682K | C 6800PF, K, 50V | |
| C3063 | ECJ2VB1H682K | C 6800PF, K, 50V | |
| C3064 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C3074 | ECJ2VB1H682K | C 6800PF, K, 50V | |
| C3075 | ECJ2VB1H682K | C 6800PF, K, 50V | |
| C3080 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C3081 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C3082 | ECA1CM471B | E 470UF, 16V | |
| C3083 | ECA1HM010B | E 1UF, 50V | |
| C3084 | ECA1HM010B | E 1UF, 50V | |
| C3103 | ECJ2VB1H682K | C 6800PF, K, 50V | |
| C3104 | ECJ2VB1H682K | C 6800PF, K, 50V | |
| C3105 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C3106 | ECA1CM101B | E 100UF, 16V | |
| C5545 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5547 | ECUX1H330JCX | C 33PF, J, 50V | |
| C5548 | ECUX1H330JCX | C 33PF, J, 50V | |
| C5549 | ECUX1H330JCX | C 33PF, J, 50V | |
| C5551 | ECJ2VB1H103K | C 0.01UF, K, 50V | |
| C5552 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5553 | ECEA0JKA331 | E 330UF, 6.3V | |
| C5554 | ECEA0JKA221 | E 220UF, 6.3V | |
| C5555 | ECEA1CKA101 | E 100UF, 16V | |
| C5556 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C5557 | ECA1CM100B | E 10UF, 16V | |
| C5558 | ECJ2VC1H680J | C 68PF, J, 50V | |
| C5560 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5561 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5562 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C5564 | ECEA0JKA221 | E 220UF, 6.3V | |
| C5565 | ECJ2VB1H103K | C 0.01UF, K, 50V | |
| C5566 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C5567 | ECA1HM010B | E 1UF, 50V | |
| C5568 | ECA1HM010B | E 1UF, 50V | |
| C5570 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5571 | ECJ2VC1H150J | C 15PF, J, 50V | |
| C5572 | ECJ2VC1H150J | C 15PF, J, 50V | |
| C5573 | ECA1HM220B | E 22UF, 50V | |
| C5574 | ECEA0JKA331 | E 330UF, 6.3V | |
| C5575 | ECJ2VB1H103K | C 0.01UF, K, 50V | |
| C5576 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5577 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C5578 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5580 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5581 | ECEA1CKN220 | E 22UF, 16V | |
| C5585 | ECJ2VC1H150J | C 15PF, J, 50V | |
| C5586 | ECJ2VC1H560J | C 56PF, J, 50V | |
| C5587 | ECJ2VC1H150J | C 15PF, J, 50V | |
| C5588 | ECJ2VC1H121J | C 120PF, J, 50V | |
| C5590 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5591 | ECEA1EKN4R7 | E 4.7UF, 25V | |
| C5595 | ECA1CM470B | E 47UF, 16V | |
| C5596 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| COILS | | | |
| L10 | K1ZZ00001205 | CONNECTOR | |
| L101 | EXCELDR35V | CORE | |
| L111 | TLTACTR56K | PEAKING COIL | |
| L140 | TALV35VB8R2K | PEAKING COIL | |
| L180 | TALV35VB6R8K | PEAKING COIL | |
| L188 | EXCELSA35T | BEAD CORE | |
| L189 | EXCELSA35T | BEAD CORE | |
| L352 | EXCELSA24T | BEAD CORE | |
| L401 | TALV35VB680K | PEAKING COIL | |
| L501 | EXCELSA35T | BEAD CORE | |
| L511 | EXCELSA39V | BEAD CORE | |
| L512 | EXCELSA39V | BEAD CORE | |
| L515 | EXCELSA35T | BEAD CORE | |
| L551 | EXCELDR35C | BEAD CORE | |
| L552 | EXCELSA39V | BEAD CORE | |
| L553 | EXCELDR35C | BEAD CORE | |
| L630 | TALV35VB680K | PEAKING COIL | |
| L645 | G0C151JA0021 | PEAKING COIL | |
| L690 | TALV35VB680K | PEAKING COIL | |
| L691 | TALV35VB680K | PEAKING COIL | |
| L701 | G0A682AA0006 | PEAKING COIL | |
| L702 | G0A471G00001 | CHOKE COIL | |
| L704 | G0A332BA0007 | CHOKE COIL | |
| L705 | ELH5L7106 | LINEARITY COIL | |
| L760 | ELC18B801E | CHOKE COIL | |
| L761 | G0A332C00003 | CHOKE COIL | |
| L801 | TLP4GD016P | LINE FILTER | |
| T501 | ZTFN35005A | FLYBACK TRANS | |
| T551 | ETH19Y210AZ | H DRIVE TRANS | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| T801 | ETS39AG3F6AC | SWITCHING TRANS | |
| T3010 | TSK1040 | BEAD CORE | |
| T3060 | TSK1040 | BEAD CORE | |
| T3101 | TSK1040 | BEAD CORE | |
| | DIODES | | |
| D101 | MTZJ30D | ZENER DIODE | |
| D102 | MTZJ30D | ZENER DIODE | |
| D110 | MTZJ16A | ZENER DIODE | |
| D111 | MTZJ16A | ZENER DIODE | |
| D120 | MA858 | DIODE | |
| D354 | MA152KTX | DIODE | |
| D355 | MA152KTX | DIODE | |
| D356 | MA152KTX | DIODE | |
| D357 | MTZJ15B | ZENER DIODE | |
| D360 | ERA22-04 | DIODE | |
| D361 | ERA22-04 | DIODE | |
| D362 | ERA22-04 | DIODE | |
| D363 | MA152KTX | DIODE | |
| D365 | MTZJ10C | ZENER DIODE | |
| D370 | MA3068MTX | DIODE | |
| D371 | MA3068MTX | DIODE | |
| D372 | MA3068MTX | DIODE | |
| D375 | MA152KTX | DIODE | |
| D401 | MA29W-A | DIODE | |
| D402 | MA29W-A | DIODE | |
| D466 | MTZJ39E | ZENER DIODE | |
| D467 | ERA15-01 | DIODE | |
| D468 | MTZJ39E | ZENER DIODE | |
| D469 | MTZJ39E | ZENER DIODE | |
| D470 | MA29W-B | DIODE | |
| D471 | MA29W-B | DIODE | |
| D511 | MA152KTX | DIODE | |
| D512 | MA182 | DIODE | |
| D513 | AU02 | DIODE | |
| D515 | B0HAMP000054 | DIODE | |
| D517 | MTZJ12B | ZENER DIODE | |
| D530 | MA4104J | DIODE | |
| D531 | MA171 | DIODE | |
| D552 | B0HANV000002 | DIODE | |
| D553 | RU3ANLFA10 | DIODE | |
| D554 | MA185 | DIODE | |
| D580 | MTZJ10C | ZENER DIODE | |
| D582 | MA4082H | DIODE | |
| D583 | B0BA01100028 | ZENER DIODE | |
| D612 | MA3110LTX | ZENER DIODE | |
| D613 | MA3110LTX | ZENER DIODE | |
| D614 | MA3110LTX | ZENER DIODE | |
| D731 | MA152KTX | DIODE | |
| D732 | MA152KTX | DIODE | |
| D733 | MA152KTX | DIODE | |
| D734 | MA152KTX | DIODE | |
| D750 | MA165 | DIODE | |
| D751 | MA4104J | DIODE | |
| D752 | MA165 | DIODE | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| D765 | MA165 | DIODE | |
| D766 | MTZJ10D | ZENER DIODE | |
| D767 | MA29W-A | DIODE | |
| D768 | MA29W-A | DIODE | |
| D770 | MTZJ6.2C | ZENER DIODE | |
| D801 | ERZV10D621CS | VARISTOR | ▲ |
| D803 | D4SB80 | DIODE | |
| D804 | TAP4GA0009 | POSISTOR | ▲ |
| D805 | TAP4GA0009 | POSISTOR | ▲ |
| D810 | B0EAKT000019 | DIODE | |
| D813 | AM01A | DIODE | |
| IC3001 | C1AB00000201 | IC | |
| IC3002 | C1AB00001162 | IC | |
| IC3003 | TDA8601T/C1 | IC | |
| IC3101 | MM1501XNRE | IC | |
| IC3501 | TVR4G4-1 | TELETEXT IC | |
| IC3502 | TC7MBD3245KL | IC | |
| IC3503 | TVR4GAS179 | EEPROM IC | |
| IC3504 | PQ1R33 | LINEAR IC | |
| IC3505 | SI-3025KS-TL | IC | |
| IC3506 | PST9128NR | IC (LOGIC) | |
| IC3507 | TC4066BFN | IC | |
| IC4801 | PUB4301 | TRANSISTOR ARRAY | |
| IC4802 | AN6564NS | LINEAR IC | |
| IC4803 | PUB4301 | TRANSISTOR ARRAY | |
| IC4804 | AN6564 | LINEAR IC | |
| IC4805 | TC4066BFN | IC | |
| IC4861 | AN6562 | LINEAR IC | |
| IC5501 | MM1501XNRE | IC | |
| IC5550 | MN82362 | IC | |
| | TRANSISTORS | | |
| Q115 | 2SC2480TX | TRANSISTOR | |
| Q116 | B1ABCF000078 | TRANSISTOR | |
| Q140 | 2SC2480TX | TRANSISTOR | |
| Q180 | 2SB709ATX | TRANSISTOR | |
| Q181 | B1ABCF000078 | TRANSISTOR | |
| Q182 | B1ABCF000078 | TRANSISTOR | |
| Q183 | B1ABCF000078 | TRANSISTOR | |
| Q369 | 2SB709ATX | TRANSISTOR | |
| Q501 | B1ABCF000078 | TRANSISTOR | |
| Q502 | 2SB709ATX | TRANSISTOR | |
| Q520 | B1ABCF000078 | TRANSISTOR | |
| Q541 | 2SC4212H | TRANSISTOR | |
| Q551 | 2SC5517000LK | TRANSISTOR | |
| Q585 | 2SB709ATX | TRANSISTOR | |
| Q601 | B1ABCF000078 | TRANSISTOR | |
| Q640 | 2SB709ATX | TRANSISTOR | |
| Q641 | 2SB709ATX | TRANSISTOR | |
| Q662 | B1ABCF000078 | TRANSISTOR | |
| Q680 | B1ABCF000078 | TRANSISTOR | |
| Q691 | B1ABCF000078 | TRANSISTOR | |
| Q750 | 2SA1018Q | TRANSISTOR | |
| Q760 | 2SB709ATX | TRANSISTOR | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| Q840 | B1ABCF000078 | TRANSISTOR | |
| Q860 | B1ABCF000078 | TRANSISTOR | |
| Q864 | B1ABCF000078 | TRANSISTOR | |
| Q865 | B1ABCF000078 | TRANSISTOR | |
| Q945 | B1ABCF000078 | TRANSISTOR | |
| Q953 | 2SC1318 | TRANSISTOR | |
| Q954 | 2SB1030A | TRANSISTOR | |
| Q955 | 2SB1569A | TRANSISTOR | |
| Q956 | 2SD2400A | TRANSISTOR | |
| Q957 | 2SB709ATX | TRANSISTOR | |
| Q958 | B1ABCF000078 | TRANSISTOR | |
| Q962 | B1ABCF000078 | TRANSISTOR | |
| Q963 | 2SC54190RA | TRANSISTOR | |
| Q964 | 2SB14880QA | TRANSISTOR | |
| Q1001 | B1ABCF000078 | TRANSISTOR | |
| Q1140 | B1ABCF000078 | TRANSISTOR | |
| Q1144 | B1ABCF000078 | TRANSISTOR | |
| Q1160 | B1ABCF000078 | TRANSISTOR | |
| Q1170 | 2SB709ATX | TRANSISTOR | |
| Q1171 | 2SB709ATX | TRANSISTOR | |
| Q1172 | 2SB709ATX | TRANSISTOR | |
| Q2110 | 2SB709ATX | TRANSISTOR | |
| Q2111 | 2SB709ATX | TRANSISTOR | |
| Q2801 | B1ABCF000078 | TRANSISTOR | |
| Q2830 | 2SB709ATX | TRANSISTOR | |
| JA15 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA16 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA17 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA18 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA19 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA21 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA22 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA23 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA24 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA25 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA30 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA32 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA33 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA35 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA36 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA37 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA38 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA40 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA41 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA42 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA50 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA60 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA61 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA70 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA71 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JK351 | K3B122A00001 | CRT SOCKET | ⚠ |
| JK3001 | K4BC21A00002 | REAR AV TERMINAL | |
| JK3150 | K4BK07B00006 | FRONT AV TERMINAL | |
| JS184 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| JS364 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS876 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS877 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS880 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS1140 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS1141 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS1142 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS1143 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS1144 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3030 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3031 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3064 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3065 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3071 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3072 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3080 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3081 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3102 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3160 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3161 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3162 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3163 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3501 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3502 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3503 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3504 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3505 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3506 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3507 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3510 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3511 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3520 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3530 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3532 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3533 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3550 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3551 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3553 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R187 | ERJ6GEYJ393 | M 39KOHM,J,1/10W | |
| R188 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R189 | ERJ6GEYJ562 | M 5.6KOHM,J,1/10W | |
| R351 | ER0S2CKF1001 | M 1KOHM,F, 1/4W | |
| R352 | ER0S2CKF1001 | M 1KOHM,F, 1/4W | |
| R353 | ER0S2CKF1001 | M 1KOHM,F, 1/4W | |
| R354 | ERJ6ENF1501 | M 1.5KOHM, 1/10W | |
| R355 | ERJ6ENF1501 | M 1.5KOHM, 1/10W | |
| R356 | ERJ6ENF1501 | M 1.5KOHM, 1/10W | |
| R357 | ER0S2CKF1541 | M1.54KOHM,F, 1/4W | |
| R358 | ERG12DJ124 | M 120KOHM,J, 1/2W | |
| R359 | ERG12DJ124 | M 120KOHM,J, 1/2W | |
| R360 | ERG12DJ124 | M 120KOHM,J, 1/2W | |
| R361 | ERJ6ENF2002 | M 20KOHM, 1/10W | |
| R362 | ERJ6ENF4701 | M 4.7KOHM, 1/10W | |
| R363 | ERC12GK222 | S 2.2KOHM,K, 1/2W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R364 | ERC12GK222 | S 2.2KOHM,K, 1/2W | |
| R365 | ERC12GK222 | S 2.2KOHM,K, 1/2W | |
| R369 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R371 | ER0S2CKF1541 | M1.54KOHM,F, 1/4W | |
| R372 | ER0S2CKF1541 | M1.54KOHM,F, 1/4W | |
| R374 | ERQ12AJ181P | F 180OHM,J, 1/2W | |
| R401 | ERDS1TJ271 | C 270OHM,J, 1/2W | |
| R402 | ERJ6GEYJ682 | M 6.8KOHM,J,1/10W | |
| R403 | ERJ6GEYJ333 | M 33KOHM,J,1/10W | |
| R468 | ER0S2CHF4871 | M4.87KOHM,F, 1/4W | |
| R469 | ER0S2CHF3741 | M3.74KOHM,F, 1/4W | |
| R471 | ERDS2TJ682 | C 6.8KOHM,J, 1/4W | |
| R472 | ERDS2TJ393 | C 39KOHM,J, 1/4W | |
| R473 | ER0S2CHF4301 | M 4.3KOHM,F, 1/4W | |
| R474 | ERDS2TJ333 | C 33KOHM,J, 1/4W | |
| R475 | ERDS1FJ1R2 | C 1.2OHM,J, 1/2W | |
| R476 | ERDS1FJ1R2 | C 1.2OHM,J, 1/2W | |
| R477 | ERG2ANJP221H | M 220OHM,J, 2W | |
| R478 | ERDS1FJ1R5 | C 1.5OHM,J, 1/2W | |
| R479 | ERG2ANJP391H | M 390OHM,J, 2W | |
| R501 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R502 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R503 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R504 | ERJ6GEYJ272 | M 2.7KOHM,J,1/10W | |
| R506 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R507 | ERDS2TJ104 | C 100KOHM,J, 1/4W | |
| R508 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R509 | ERJ6GEYJ474 | M 470KOHM,J,1/10W | |
| R510 | ERJ6GEYJ824 | M 820KOHM,J,1/10W | |
| R512 | ERDS2TJ223 | C 22KOHM,J, 1/4W | |
| R513 | ERQ14AJ2R0E | F 2.0OHM,J, 1/4W | |
| R514 | ERDS1TJ394 | C 390KOHM,J, 1/2W | |
| R515 | ERQ1RJW1R0E | F 1OHM,J, 1W | |
| R519 | ERDS2TJ102 | C 1KOHM,J, 1/4W | |
| R520 | ERG1SJ333E | M 33KOHM,J, 1W | |
| R521 | ER050CKF4302 | M 43KOHM,F, 1/2W | |
| R522 | ERJ6ENF1502 | M 15KOHM, 1/10W | |
| R523 | ERJ6ENF1502 | M 15KOHM, 1/10W | |
| R524 | ERJ6ENF3902 | M 39KOHM, 1/10W | |
| R525 | ERJ6ENF2202 | M 22KOHM, 1/10W | |
| R526 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R530 | ERQ14AJ100E | F 10OHM,J, 1/4W | |
| R531 | ER0S2CKF1132 | M11.3KOHM,F, 1/4W | |
| R532 | ER0S2CKF1072 | M10.7KOHM,F, 1/4W | |
| R533 | ER0S2CKF1002 | M 10KOHM,F, 1/4W | |
| R540 | ERDS2TJ561 | C 560OHM,J, 1/4W | |
| R541 | ERDS2TJ241 | C 240OHM,J, 1/4W | |
| R542 | ERG3FJ392H | M 3.9KOHM,J, 3W | |
| R544 | ERG3FJ102 | M 1KOHM,J, 3W | |
| R579 | ER0S2CHF4221 | M4.22KOHM,F, 1/4W | |
| R769 | ERG2SJ821E | M 820OHM,J, 2W | |
| R770 | ERJ6GEYJ563 | M 56KOHM,J,1/10W | |
| R771 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R772 | ERG1SJ101E | M 100OHM,J, 1W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R773 | D0AE622JA046 | C 6.2KOHM,J, 1/4W | |
| R774 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R801 | ERF15ZK2R2 | W 2.20HM, 15W | ▲ |
| R810 | ERG2FJ470 | M 47OHM,J, 2W | |
| R811 | ERG2SJS104H | M 100KOHM,J, 2W | |
| R814 | ERQ12AJ100P | F 100HM, 1/2W | |
| R817 | ERDS1TJ100 | C 10OHM,J, 1/2W | |
| R818 | ERG2FJ562H | M 5.6KOHM,J, 2W | |
| R819 | ERG5FJ473H | M 47KOHM,J, 5W | |
| R820 | ERX12SZJR12E | M 0.120HM,J, 1/2W | |
| R821 | ERX12SZJR15E | M 0.150HM,J, 1/2W | |
| R824 | ERDS2TJ332 | C 3.3KOHM,J, 1/4W | |
| R825 | ERDS2TJ152 | C 1.5KOHM,J, 1/4W | |
| R827 | ERDS2TJ154 | C 150KOHM,J, 1/4W | |
| R830 | ERDS2TJ221 | C 220OHM,J, 1/4W | |
| R831 | ERDS2TJ273 | C 27KOHM,J, 1/4W | |
| R840 | ERD75TAJ825 | C 8.2MOHM,J, 3/4W | |
| R841 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R842 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R850 | ERDS1TJ102 | C 1KOHM,J, 1/2W | |
| R851 | ERDS2TJ563 | C 56KOHM,J, 1/4W | |
| R859 | ERX5FJ3R0 | M 3OHM,J, 5W | |
| R861 | ERDS1TJ102 | C 1KOHM,J, 1/2W | |
| R862 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R868 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R870 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R871 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R874 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R880 | ERJ6GEYJ473 | M 47KOHM,J,1/10W | |
| R881 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R882 | ERJ6ENF5362 | M53.6KOHM, 1/10W | |
| R883 | ER0S2CHF1502 | M 15KOHM,F, 1/4W | |
| R884 | ERJ6GEYJ681 | M 680OHM,J,1/10W | |
| R885 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| R952 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R953 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R954 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R956 | ERJ6GEYJ510 | M 51OHM,J,1/10W | |
| R958 | ERJ6GEYJ391 | M 390OHM,J,1/10W | |
| R960 | ERQ14AJ100E | F 10OHM,J, 1/4W | |
| R961 | ERQ1CJP331S | F 330OHM,J, 1W | |
| R962 | ERDS2TJ330 | C 33OHM,J, 1/4W | |
| R963 | ERDS2TJ330 | C 33OHM,J, 1/4W | |
| R964 | ERQ14AJ471E | F 470OHM,J, 1/4W | |
| R965 | ERDS2TJ223 | C 22KOHM,J, 1/4W | |
| R966 | ERDS1FVJ471T | C 470OHM,J, 1/2W | |
| R967 | ERDS2TJ223 | C 22KOHM,J, 1/4W | |
| R968 | ERDS2TJ471 | C 470OHM,J, 1/4W | |
| R969 | ERDS2TJ390 | C 39OHM,J, 1/4W | |
| R970 | ERDS2TJ2R7 | C 2.7OHM,J, 1/4W | |
| R971 | ERDS2TJ2R7 | C 2.7OHM,J, 1/4W | |
| R972 | ERDS2TJ390 | C 39OHM,J, 1/4W | |
| R973 | ERDS2TJ101 | C 100OHM,J, 1/4W | |
| R975 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|-------------|-------------------------|---------|
| R976 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R977 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R978 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R980 | ERDS2TJ104 | C 100KOHM,J, 1/4W | |
| R981 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R982 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R987 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R988 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R992 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R2116 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2117 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2140 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R2141 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R2801 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R2803 | ERDS2TJ8R2 | C 8.2OHM,J, 1/4W | |
| R2804 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R2805 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R2806 | ERJ6GEYJ123 | M 12KOHM,J,1/10W | |
| R2813 | ERDS2TJ8R2 | C 8.2OHM,J, 1/4W | |
| R2814 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R2815 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R2830 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R2831 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R2832 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R3001 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R3005 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R3006 | ERJ6GEYJ511 | M 510OHM,J,1/10W | |
| R3009 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R3010 | ERJ6GEYJ750 | M 750OHM, 1/10W | |
| R3011 | ERJ6GEYJ750 | M 750OHM, 1/10W | |
| R3013 | ERJ6GEYJ750 | M 750OHM, 1/10W | |
| R3014 | ERJ6GEYJ683 | M 68KOHM,J,1/10W | |
| R3015 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R3016 | ERJ6GEYJ681 | M 680OHM,J,1/10W | |
| R3017 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3018 | ERJ6GEYJ121 | M 120OHM,J,1/10W | |
| R3019 | ERJ6GEYJ390 | M 390OHM,J,1/10W | |
| R3020 | ERJ6GEYJ750 | M 750OHM, 1/10W | |
| R3021 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R3022 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R3023 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R3025 | ERJ6GEYJ750 | M 750OHM, 1/10W | |
| R3026 | ERJ6GEYJ750 | M 750OHM, 1/10W | |
| R3027 | ERJ6GEYJ750 | M 750OHM, 1/10W | |
| R3028 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R3029 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R3030 | ERJ6GEYJ221 | M 220OHM,J,1/10W | |
| R3031 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3032 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3033 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3034 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3039 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3043 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3044 | ERJ6GEYJ681 | M 680OHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R3045 | ERJ6GEYJ681 | M 680OHM,J,1/10W | |
| R3050 | ERJ6GEYJ750 | M 750HM, 1/10W | |
| R3051 | ERJ6GEYJ750 | M 750HM, 1/10W | |
| R3052 | ERJ6GEYJ750 | M 750HM, 1/10W | |
| R3053 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R3060 | ERJ6GEYJ750 | M 750HM, 1/10W | |
| R3061 | ERJ6GEYJ750 | M 750HM, 1/10W | |
| R3062 | ERJ6GEYJ750 | M 750HM, 1/10W | |
| R3066 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3067 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3068 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3069 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3070 | ERJ6GEYJ750 | M 750HM, 1/10W | |
| R3073 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3074 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R3075 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3076 | ERJ6GEYJ184 | M 180KOHM,J,1/10W | |
| R3082 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3083 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R3084 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R3085 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R3086 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R4816 | ERDS1FJ390 | C 39OHM,J, 1/2W | |
| R4818 | ERX12SJ2R7E | M 2.7OHM,J, 1/2W | |
| R4819 | ERJ6GEYJ272 | M 2.7KOHM,J,1/10W | |
| R4820 | ERJ6ENF1331 | M1.33KOHM, 1/10W | |
| R4821 | ERJ6ENF3320 | M 332OHM, 1/10W | |
| R4822 | ERJ6ENF1001 | M 1KOHM, 1/10W | |
| R4823 | ERJ6GEYJ472 | M 4.7KOHM,J,1/10W | |
| R4824 | ERJ6ENF5621 | M5.62KOHM, 1/10W | |
| R4825 | ERJ6ENF3832 | M38.3KOHM, 1/10W | |
| R4826 | ERJ6ENF2213 | M 221KOHM, 1/10W | |
| R4827 | ERJ6ENF9091 | M9.09KOHM, 1/10W | |
| R4828 | ERJ6ENF6651 | M6.65KOHM, 1/10W | |
| R4829 | ERJ6GEYJ332 | M 3.3KOHM,J,1/10W | |
| R4831 | ERDS1FJ220 | C 22OHM,J, 1/2W | |
| R4837 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R4840 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R4841 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R4842 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R4843 | ERJ6GEYJ471 | M 470OHM,J,1/10W | |
| R4844 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R4850 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R4851 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R4852 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R4853 | ERJ6GEYJ104 | M 100KOHM,J,1/10W | |
| R4854 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R4855 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R4856 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R4857 | ERJ6GEYJ102 | M 1KOHM,J,1/10W | |
| R4860 | ERJ6GEYJ822 | M 8.2KOHM,J,1/10W | |
| R4861 | EVMEGSA00B23 | VARIABLE RESISTOR | |
| R4862 | ERJ6GEYJ822 | M 8.2KOHM,J,1/10W | |
| R4863 | EVMEGSA00B23 | VARIABLE RESISTOR | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| R5501 | ERJ6GEYJ272 | M 2.7KOHM,J,1/10W | |
| R5502 | ERJ6GEYJ151 | M 150OHM,J,1/10W | |
| R5503 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R5504 | ERJ6GEYJ301 | M 300OHM,J,1/10W | |
| R5505 | ERJ6GEYJ822 | M 8.2KOHM,J,1/10W | |
| R5506 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R5510 | ERJ6GEYJ390 | M 39OHM,J,1/10W | |
| R5511 | ERJ6GEYJ681 | M 680OHM,J,1/10W | |
| R5512 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R5513 | ERJ6GEYJ121 | M 120OHM,J,1/10W | |
| R5514 | ERJ6GEYJ683 | M 68KOHM,J,1/10W | |
| R5515 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R5516 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| R5517 | ERJ6GEYJ151 | M 150OHM,J,1/10W | |
| R5518 | ERJ6GEYJ121 | M 120OHM,J,1/10W | |
| R5520 | ERJ6GEYJ331 | M 330OHM,J,1/10W | |
| R5521 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R5522 | ERJ6GEYJ561 | M 560OHM,J,1/10W | |
| R5525 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R5526 | ERJ6GEYJ222 | M 2.2KOHM,J,1/10W | |
| R5527 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R5528 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R5529 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R5530 | ERJ6GEYJ103 | M 10KOHM,J,1/10W | |
| R5531 | ERJ6GEYJ681 | M 680OHM,J,1/10W | |
| R5532 | ERJ6GEYJ271 | M 270OHM,J,1/10W | |
| R5533 | ERJ6GEYJ683 | M 68KOHM,J,1/10W | |
| R5534 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R5535 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R5540 | ERJ6GEYJ151 | M 150OHM,J,1/10W | |
| R5541 | ERJ6GEYJ202 | M 2KOHM,J,1/10W | |
| R5542 | ERJ6GEYJ101 | M 100OHM,J,1/10W | |
| R5543 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R5544 | ERJ6GEYJ223 | M 22KOHM,J,1/10W | |
| R5545 | ERJ6GEYJ152 | M 1.5KOHM,J,1/10W | |
| C373 | ECA2EM100B | E 10UF, 250V | |
| C377 | ECA1CM101B | E 100UF, 16V | |
| C402 | ECA1CM102B | E 1000UF, 16V | |
| C403 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C404 | ECA1HM100B | E 10UF, 50V | |
| C406 | ECSF1VE474V | T 0.47UF, 35V | |
| C407 | ECA1HM2R2B | E 2.2UF, 50V | |
| C408 | ECJ2VB1H153K | C 0.015UF, K, 50V | |
| C452 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C474 | ECA1HM010B | E 1UF, 50V | |
| C475 | ECA1VM221B | E 220UF, 35V | |
| C476 | ECA1VM222E | E 2200UF, 35V | |
| C477 | ECA1HM2R2B | E 2.2UF, 50V | |
| C478 | ECQB1104JF | P 0.1UF, J,100V | |
| C479 | ECQB1274JF | P 0.27UF, J,100V | |
| C501 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C509 | ECA1HM010B | E 1UF, 50V | |
| C511 | ECQM1393KZ | P 0.039UF, K,100V | |
| C512 | ECEA2CNR47S | E 0.47UF, 160V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C513 | ECA2EM220B | E 22UF, 250V | |
| C514 | ECKR2H331KB5 | C 330PF, K,500V | |
| C515 | ECKR2H471KB5 | C 470PF, K,500V | |
| C516 | ECA1VM332E | E 3300UF, 35V | |
| C520 | ECQM4332JZ | P 3300PF, J,400V | |
| C530 | ECA1HM100B | E 10UF, 50V | |
| C531 | ECKR2H271KB5 | C 270PF, K,500V | |
| C533 | ECA1VM470B | E 47UF, 35V | |
| C534 | ECQV1H104JL | P 0.1UF, J, 50V | |
| C535 | ECA160V33UE | E 33UF, 160V | |
| C543 | ECKR2H332KB5 | C 3300PF, K,500V | |
| C544 | L7Y5P4B222K | C 2200PF, K,500V | |
| C551 | ECWH20102JYY | P 1000PF, J, 2KV | |
| C553 | ECQP1223JZ | P 0.022UF, J,100V | |
| C554 | ECWH20272JYY | P 2700PF, J, 2KV | |
| C559 | ECQM4333JZ | P 0.033UF, 400V | |
| C560 | ECWH20123JVB | P 0.012UF, J, 2KV | |
| C561 | ECQM4223JZ | P 0.022UF, J,400V | |
| C582 | ECJ2FB1H473K | C 0.047UF, K, 50V | |
| C583 | ECJ2VC1H120J | C 12PF, J, 50V | |
| C585 | ECA1HM4R7B | E 4.7UF, 50V | |
| C586 | ECA1HM470B | E 47UF, 50V | |
| C601 | ECA1HMR47B | E 0.47UF, 50V | |
| C602 | ECA1HM100B | E 10UF, 50V | |
| C604 | ECJ2VC1H100C | C 10PF, C, 50V | |
| C605 | F2A1HR22A182 | E 0.22UF, 50V | |
| C606 | ECJ2VB1H222K | C 2200PF, K, 50V | |
| C607 | ECA1HMR47B | E 0.47UF, 50V | |
| C608 | ECJ2VC1H331J | C 330PF, J, 50V | |
| C609 | ECJ2VB1H333K | C 0.033UF, K, 50V | |
| C610 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C611 | ECA1HM470B | E 47UF, 50V | |
| C615 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C623 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C624 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C625 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C630 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C631 | ECA1HM470B | E 47UF, 50V | |
| C645 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C655 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C657 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C658 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C665 | ECA1HM100B | E 10UF, 50V | |
| C666 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C667 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C670 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C671 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C672 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C884 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C885 | ECA1CM101B | E 100UF, 16V | |
| C886 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C887 | F2A1C471A116 | E 470UF, 16V | |
| C888 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C889 | ECJ2VF1C104Z | C 0.1UF, Z, 16V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C904 | F1B1H103A013 | C 0.01UF, 50V | |
| C952 | ECA1HHG100 | E 10UF, 50V | |
| C953 | F1B1H103A013 | C 0.01UF, 50V | |
| C958 | ECA2CM470B | E 47UF, 160V | |
| C959 | ECKW2H103ZF7 | C 0.01UF, Z,500V | |
| C960 | ECCR2H151J | C 150PF, J,500V | |
| C961 | ECA2AM100B | E 10UF, 100V | |
| C962 | ECKW2H103ZF7 | C 0.01UF, Z,500V | |
| C963 | ECCR2H151J | C 150PF, J,500V | |
| C964 | ECA1CHG101 | E 100UF, 16V | |
| C965 | ECA2CM220B | E 22UF, 160V | |
| C966 | ECA1CHG101 | E 100UF, 16V | |
| C967 | ECA1CM221B | E 220UF, 16V | |
| C971 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C980 | ECA1CM101B | E 100UF, 16V | |
| C1001 | ECUX1H101JCX | C 100PF, J, 50V | |
| C1002 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C1003 | ECA1CM221B | E 220UF, 16V | |
| C1101 | ECJ2VC1H471J | C 470PF, J, 50V | |
| C1102 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C1103 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C1104 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C1120 | ECA1HM4R7B | E 4.7UF, 50V | |
| C1121 | ECA1HM4R7B | E 4.7UF, 50V | |
| C1131 | ECJ2VC1H560J | C 56PF, J, 50V | |
| C1132 | ECJ2VC1H560J | C 56PF, J, 50V | |
| C1133 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C1134 | ECA0JM221B | E 220UF, 6.3V | |
| C1145 | ECJ2VC1H680J | C 68PF, J, 50V | |
| C1150 | ECUX1H151JCX | C 150PF, J, 50V | |
| C1151 | ECUX1H151JCX | C 150PF, J, 50V | |
| C1152 | ECUX1H151JCX | C 150PF, J, 50V | |
| C1155 | ECA1CM471B | E 470UF, 16V | |
| C1156 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C1157 | ECA1CM471B | E 470UF, 16V | |
| C1158 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C1280 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C2101 | ECA1CM101B | E 100UF, 16V | |
| C2102 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2103 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C2110 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C2111 | ECJ2VC1H102J | C 1000PF, J, 50V | |
| C2113 | ECA1CM470B | E 47UF, 16V | |
| C2114 | ECA1CM470B | E 47UF, 16V | |
| C2115 | ECA1HM101B | E 100UF, 50V | |
| C2116 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2120 | ECA1HM3R3B | E 3.3UF, 50V | |
| C2121 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C2124 | ECA1HM100B | E 10UF, 50V | |
| C2125 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C2126 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2127 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2128 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2129 | ECJ2VB1C104K | C 0.1UF, K, 16V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C2132 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2133 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2140 | ECA1CM470B | E 47UF, 16V | |
| C2141 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2142 | ECA1CM101B | E 100UF, 16V | |
| C2143 | ECJ2VB1C104K | C 0.1UF, K, 16V | |
| C2145 | ECJ2VC1H560J | C 56PF, J, 50V | |
| C3107 | ECQV1H105JM | P 1UF, J, 50V | |
| C3110 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C3111 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C3150 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C3501 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3502 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3503 | ECUX1H330JCX | C 33PF, J, 50V | |
| C3504 | ECUX1H330JCX | C 33PF, J, 50V | |
| C3505 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3506 | ECA1CM471B | E 470UF, 16V | |
| C3507 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3508 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3509 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3510 | ECA1HM100B | E 10UF, 50V | |
| C3511 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3512 | ECA1HM100B | E 10UF, 50V | |
| C3513 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3520 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3521 | ECUX1H151JCX | C 150PF, J, 50V | |
| C3522 | ECJ2VF1C105Z | C 1UF, Z, 16V | |
| C3523 | ECEA1CN100U | E 10UF, 16V | |
| C3545 | ECA1CM101B | E 100UF, 16V | |
| C3546 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3550 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C3551 | ECA1CM100B | E 10UF, 16V | |
| C3552 | ECUX1H101JCX | C 100PF, J, 50V | |
| C3553 | ECUX1H101JCX | C 100PF, J, 50V | |
| C3560 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C3561 | ECA1CM100B | E 10UF, 16V | |
| C3580 | ECJ2VC1H121J | C 120PF, J, 50V | |
| C3586 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C3587 | ECA1CM221B | E 220UF, 16V | |
| C4801 | ECEA1EKS4R7 | E 4.7UF, 25V | |
| C4803 | ECQV1H334JM | P 0.33UF, J, 50V | |
| C4804 | ECQV1H334JM | P 0.33UF, J, 50V | |
| C4805 | ECA1VM470B | E 47UF, 35V | |
| C4806 | ECA1HM4R7B | E 4.7UF, 50V | |
| C4808 | ECEA1EKS330 | E 33UF, 25V | |
| C4809 | ECQV1H334JM | P 0.33UF, J, 50V | |
| C4810 | ECA1VM470B | E 47UF, 35V | |
| C4811 | ECJ2VB1H103K | C 0.01UF, K, 50V | |
| C4812 | ECA1HM100B | E 10UF, 50V | |
| C4813 | ECA1CM101B | E 100UF, 16V | |
| C4814 | ECA1CM101B | E 100UF, 16V | |
| C4822 | ECHU1C103JA5 | P 0.01UF, J, 16V | |
| C4823 | ECEA1CN100U | E 10UF, 16V | |
| C4824 | ECEA1CN100U | E 10UF, 16V | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| C4825 | EEUFC1C560B | E 56UF, 16V | |
| C4826 | ECA1HM4R7B | E 4.7UF, 50V | |
| C4827 | ECA1HM4R7B | E 4.7UF, 50V | |
| C4828 | ECQV1H334JM | P 0.33UF, J, 50V | |
| C5501 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5502 | ECA1CM470B | E 47UF, 16V | |
| C5503 | ECJ2VF1H104Z | C 0.1UF, Z, 50V | |
| C5504 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5510 | ECA1CM101B | E 100UF, 16V | |
| C5511 | ECJ2VC1H680J | C 68PF, J, 50V | |
| C5512 | ECEA1AKN470 | E 47UF, 10V | |
| C5513 | ECUX1H101JCX | C 100PF, J, 50V | |
| C5514 | ECJ2VC1H181J | C 180PF, J, 50V | |
| C5520 | ECA1CM101B | E 100UF, 16V | |
| C5526 | ECUX1H151JCX | C 150PF, J, 50V | |
| C5540 | ECJ2VB1H222K | C 2200PF, K, 50V | |
| C5541 | ECEA1HKA100 | E 10UF, 50V | |
| C5542 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5543 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| C5544 | ECJ2VF1H103Z | C 0.01UF, Z, 50V | |
| L802 | TLP4GD016P | LINE FILTER | ⚠ |
| L815 | EXCELSA39E | BEAD CHOKE | |
| L820 | EXCELSA39E | BEAD CHOKE | |
| L821 | EXCELSA35T | BEAD CORE | |
| L822 | EXCELDR35V | CORE | |
| L845 | EXCELSA39V | BEAD CORE | |
| L846 | EXCELSA39V | BEAD CORE | |
| L850 | TALL08T470KA | INDUCTION COIL | ⚠ |
| L855 | EXCELSA35T | BEAD CORE | |
| L856 | EXCELSA39V | BEAD CORE | |
| L864 | TALL08T470KA | INDUCTION COIL | ⚠ |
| L871 | EXCELDR35V | CORE | |
| L880 | G0A6R8HA0011 | CHOKE COIL | |
| L881 | G0A6R8HA0011 | CHOKE COIL | |
| L882 | EXCELSA39V | BEAD CORE | |
| L886 | EXCELSA35T | BEAD CORE | |
| L951 | EXCELSA24T | BEAD CORE | |
| L953 | EXCELSA24T | BEAD CORE | |
| L954 | EXCELSA24T | BEAD CORE | |
| L955 | EXCELSA24T | BEAD CORE | |
| L1102 | EXCELSA35T | BEAD CORE | |
| L1103 | EXCELDR35V | CORE | |
| L1104 | EXCELSA35T | BEAD CORE | |
| L1156 | EXCELSA35T | BEAD CORE | |
| L1160 | EXCELSA35T | BEAD CORE | |
| L2140 | EXCELSA35T | BEAD CORE | |
| L2141 | EXCELSA35T | BEAD CORE | |
| L2142 | TALV35VB180K | PEAKING COIL | |
| L2805 | EXCELSA35T | BEAD CORE | |
| L2830 | EXCELSA35T | BEAD CORE | |
| L2831 | EXCELSA35T | BEAD CORE | |
| L3001 | G0C151JA0021 | PEAKING COIL | |
| L3002 | G0C151JA0021 | PEAKING COIL | |

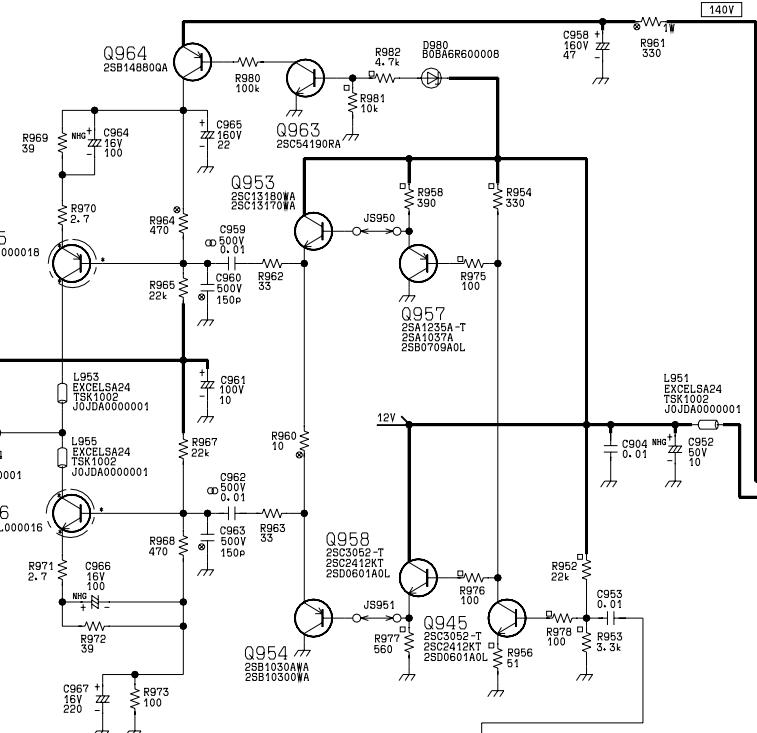
| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| L3003 | EXCELSA35T | BEAD CORE | |
| L3050 | TALV35VB100J | PEAKING COIL | |
| L3104 | TSK1032 | BEAD CORE | |
| L3105 | TSK1032 | BEAD CORE | |
| L3117 | G0C470KA0030 | INDUCTION COIL | |
| L3150 | EXCELSA24T | BEAD CORE | |
| L3510 | TALC325T4R7M | CHIP INDUCTOR COIL | |
| L3511 | TALC325T4R7M | CHIP INDUCTOR COIL | |
| L3520 | ELJFA5R6JF | CHIP INDUCTOR | |
| L4802 | EXCELDR35V | CORE | |
| L4803 | TLTACT100J | PEAKING COIL | |
| L4804 | TALL08T102JA | INDUCTION COIL | |
| L4810 | EXCELDR35V | CORE | |
| L5501 | TALV35VB100J | PEAKING COIL | |
| L5510 | TALV35VB100J | PEAKING COIL | |
| L5520 | TALV35VB100J | PEAKING COIL | |
| L5537 | EXCELDR35V | CORE | |
| L5538 | EXCELDR35V | CORE | |
| L5539 | EXCELDR35V | CORE | |
| L5550 | TLTACT150J | PEAKING COIL | |
| L5551 | G0C101J00001 | PEAKING COIL | |
| L5552 | EXCELDR25V | CORE | |
| L5554 | EXCELDR35V | CORE | |
| L5555 | TALV35VB100J | PEAKING COIL | |
| L5556 | TLTACT150J | PEAKING COIL | |
| L5557 | EXCELSA35T | BEAD CORE | |
| L5558 | TSK1032 | BEAD CORE | |
| L5570 | TLTACT270J | PEAKING COIL 27U | |
| L5580 | TLTACT470J | PEAKING COIL | |
| L5581 | TLTACT180J | PEAKING COIL | |
| L5582 | EXCELSA35T | BEAD CORE | |
| LC4801 | L2DA00000006 | GEOMAGNETIC SENSOR | |
| | TRANSFORMERS | | |
| T9 | K1KA09B00020 | CONNECTOR | |
| D814 | AM01A | DIODE | |
| D817 | AG01Z | DIODE | |
| D818 | MAZ2360 | DIODE | |
| D819 | MTZJ24A | ZENER DIODE | |
| D820 | MAZ20820A0LS | DIODE | |
| D821 | MAZ20820A0LS | DIODE | |
| D822 | MAZ20820A0LS | DIODE | |
| D823 | AG01Z | DIODE | |
| D824 | AG01Z | DIODE | |
| D830 | AG01Z | DIODE | |
| D831 | B0BA02400029 | ZENER DIODE | |
| D840 | MA152KTX | DIODE | |
| D850 | FMGG2CSLF665 | DIODE | |
| D851 | FMLG12S | DIODE | |
| D852 | AG01Z | DIODE | |
| D853 | RU4AMLF-M1 | DIODE | |
| D854 | RU4AMLF-M1 | DIODE | |
| D860 | TLP721FD4GR | PHOTO COUPLER | ⚠ |
| D861 | MTZJ20D | ZENER DIODE | |
| D862 | MTZJ4.7B | ZENER DIODE | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|---------------------|-------------------------|---------|
| D865 | AG01Z | DIODE | |
| D866 | MTZJ20A | ZENER DIODE | |
| D870 | MTZJ3.6A | ZENER DIODE | |
| D880 | MA3043MTX | DIODE | |
| D980 | MTZJ6.8B | ZENER DIODE | |
| D1001 | B3CAE0000022 | LED | |
| D1130 | MTZJ5.6C | ZENER DIODE | |
| D1131 | MTZJ5.6C | ZENER DIODE | |
| D1140 | MA152KTX | DIODE | |
| D1144 | MAZ30360LL | ZENER DIODE | |
| D1150 | MA152KTX | DIODE | |
| D1151 | MA152KTX | DIODE | |
| D1152 | MA152KTX | DIODE | |
| D1153 | MTZJ5.6A | ZENER DIODE | |
| D1154 | B0BA4R100012 | DIODE | |
| D1155 | MA152KTX | DIODE | |
| D1156 | MA3043MTX | DIODE | |
| D1157 | MA3043MTX | DIODE | |
| D1162 | MA152KTX | DIODE | |
| D1163 | MA152KTX | DIODE | |
| D1170 | MA152KTX | DIODE | |
| D2830 | MA4047M | DIODE | |
| D2831 | MA152KTX | DIODE | |
| D2832 | MA152KTX | DIODE | |
| D2833 | MA152KTX | DIODE | |
| D3150 | MA4036H | DIODE | |
| D3550 | MA3082MTX | DIODE | |
| D3580 | MA152KTX | DIODE | |
| D4801 | MA3056MTX | DIODE | |
| D5501 | MA3062MTX | ZENER DIODE | |
| D5502 | MA3110LTX | ZENER DIODE | |
| | INTEGRATED CIRCUITS | | |
| IC351 | TDA6103Q-N3 | LINEAR IC | |
| IC451 | TDA8177 | IC | |
| IC601 | C1AB00001715 | IC | |
| IC602 | AN78L05 | LINEAR IC | |
| IC731 | NJM2904M | LINEAR IC | |
| IC760 | TEA2031A | IC | |
| IC801 | C5HABZZ00107 | IC, POWER SUPPLY | ⚠ |
| IC860 | SE140N | LINEAR IC | |
| IC880 | PQ12RD1B | LINEAR IC | |
| IC881 | C0DAFKE00001 | IC, POWER SUPPLY | ⚠ |
| IC1001 | B3RAD0000048 | REMOTE RECEIVER I | |
| IC1101 | MN101C46FTM1 | IC | |
| IC1102 | TVR4GAS150 | EEPROM IC | |
| IC2101 | MSP3410GAB83 | IC | |
| IC2801 | TDA2616/N1 | IC | |
| Q3001 | B1ABCF000078 | TRANSISTOR | |
| Q3010 | B1ABCF000078 | TRANSISTOR | |
| Q3011 | 2SB709ATX | TRANSISTOR | |
| Q3040 | 2SB709ATX | TRANSISTOR | |
| Q3041 | 2SB709ATX | TRANSISTOR | |
| Q3042 | 2SB709ATX | TRANSISTOR | |
| Q3105 | B1ABCF000078 | TRANSISTOR | |

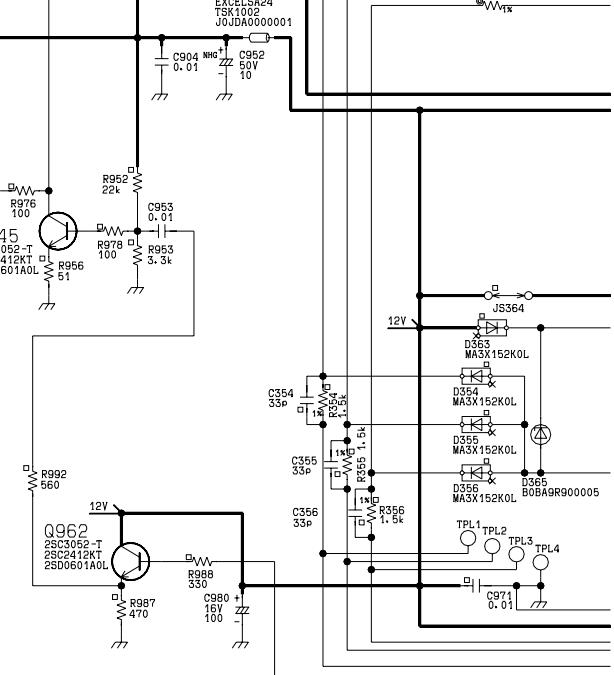
| Ref. No. | Part No. | Part Name & Description | Remarks |
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| Q3520 | B1ABCF000078 | TRANSISTOR | |
| Q3521 | 2SB709ATX | TRANSISTOR | |
| Q3580 | 2SB709ATX | TRANSISTOR | |
| Q3590 | 2SB709ATX | TRANSISTOR | |
| Q4801 | B1ABCF000078 | TRANSISTOR | |
| Q4802 | B1ABCF000078 | TRANSISTOR | |
| Q5501 | B1ABCF000078 | TRANSISTOR | |
| Q5502 | B1ABCF000078 | TRANSISTOR | |
| Q5503 | 2SB709ATX | TRANSISTOR | |
| Q5504 | B1ABCF000078 | TRANSISTOR | |
| Q5505 | 2SB709ATX | TRANSISTOR | |
| Q5520 | B1ABCF000078 | TRANSISTOR | |
| Q5521 | B1ABCF000078 | TRANSISTOR | |
| Q5522 | B1ABCF000078 | TRANSISTOR | |
| Q5531 | B1ABCF000078 | TRANSISTOR | |
| Q5540 | B1ABCF000078 | TRANSISTOR | |
| Q5541 | B1ABCF000078 | TRANSISTOR | |
| Q5570 | 2SB709ATX | TRANSISTOR | |
| Q5580 | B1ABCF000078 | TRANSISTOR | |
| Q5581 | B1ABCF000078 | TRANSISTOR | |
| Q5582 | B1ABCF000078 | TRANSISTOR | |
| Q5583 | B1ABCF000078 | TRANSISTOR | |
| Q5584 | B1ABCF000078 | TRANSISTOR | |
| Q5585 | 2SB709ATX | TRANSISTOR | |
| | OTHERS | | |
| A8 | K1KB08A00054 | 8P CONNECTOR | |
| A9 | K1KB09A00027 | CONNECTOR | |
| A11 | K1YB40000003 | CONNECTOR | |
| A14 | B2(3)B-EH | CONNECTOR | |
| A16 | TJS3A9890 | 9P CONNECTOR | |
| A17 | TJS3A9890 | 9P CONNECTOR | |
| A18 | TJS3A9890 | 9P CONNECTOR | |
| A19 | TJS118590 | 2P CONNECTOR | |
| A20 | TJS4G8020 | 16P CONNECTOR | |
| A22 | TJS4G8020 | 16P CONNECTOR | |
| A23 | TJS3A9650 | 4P CONNECTOR | |
| A41 | TJS3A9680 | 7P CONNECTOR | |
| A44 | TJS4G8090 | 20P CONNECTOR | |
| A50 | TJSF29207 | CONNECTOR | |
| F840 | XBA2C40TR0 | FUSE 250V 4A | ⚠ |
| GM1 | TJS3A9890 | 9P CONNECTOR | |
| GM2 | TJS3A9660 | CONNECTOR | |
| H1 | TJS3A9890 | 9P CONNECTOR | |
| H11 | K1YB40000002 | CONNECTOR | |
| H14 | K1KA02B00044 | 2P CONNECTOR | |
| H19 | TJS118590 | 2P CONNECTOR | |
| JA1 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA2 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA3 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA4 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA5 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA6 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA7 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA8 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |

| Ref. No. | Part No. | Part Name & Description | Remarks |
|----------|--------------|-------------------------|---------|
| JA9 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA10 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA11 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA12 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA13 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JA14 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3554 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3560 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3561 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3562 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3565 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS3585 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS5507 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| JS5541 | ERJ6GEY0R00 | M 0OHM,J,1/10W | |
| K16 | TJS3A9890 | 9P CONNECTOR | |
| K17 | TJS3A9890 | 9P CONNECTOR | |
| K18 | TJS3A9890 | 9P CONNECTOR | |
| L2 | TJS118590 | 2P CONNECTOR | |
| L23 | TJS3A9680 | 7P CONNECTOR | |
| L41 | TJS3A9680 | 7P CONNECTOR | |
| RL801 | K6B1ADA00010 | RELAY | ⚠ |
| RT1 | TJS3A9640 | 3P CONNECTOR | |
| RT2 | TJS3A9640 | 3P CONNECTOR | |
| S840 | ESB92DA1B | SWITCH | ⚠ |
| S1280 | EVQ11G05R | SWITCH | |
| S1281 | EVQ11G05R | SWITCH | |
| S1282 | EVQ11G05R | SWITCH | |
| S1283 | EVQ11G05R | SWITCH | |
| S1284 | EVQ11G05R | SWITCH | |
| S1285 | EVQ11G05R | SWITCH | |
| T8 | TJS3A9140 | CONNECTOR | |
| T12 | TJS3A9650 | 4P CONNECTOR | |
| TNR101 | ENV59DA8G3 | TUNER | ⚠ |
| X20 | TJS4G8010 | 16P CONNECTOR | |
| X22 | TJS4G8010 | 16P CONNECTOR | |
| X23 | TJS3A9680 | 7P CONNECTOR | |
| X101 | K7256M | SAW FILTER | |
| X102 | K9351M | SAW FILTER | |
| X180 | EFCS4R5MW5 | CERAMIC FILTER | |
| X601 | H0D44340041 | CRYSTAL OSCILATOR | |
| X1160 | EF0EC1205B4 | CERAMIC RESONATOR | |
| X2150 | TSSA128 | CRYSTAL OSCILATOR | |
| X3501 | H0H600400001 | CRYSTAL OSCILATOR | |
| YC44 | TJS4G8080 | 20P CONNECTOR | |

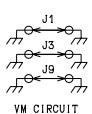
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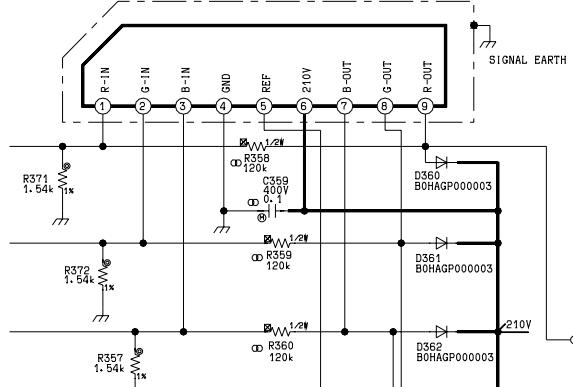


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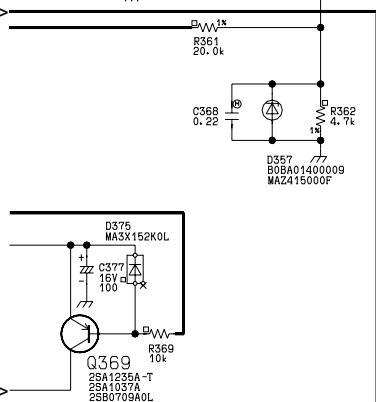
VM CIRCUIT

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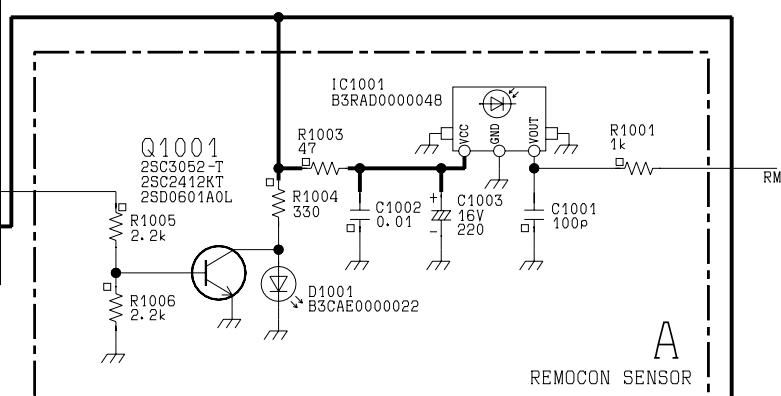
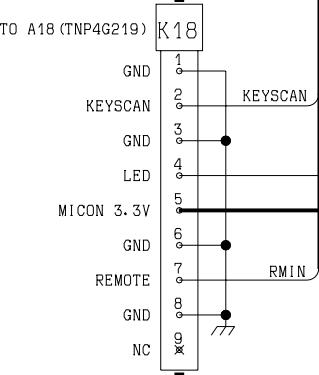
TKAU0441VG25
OR TUC37644-2IC351
C1AA00000622
C1AA00000323⚠ L TNP4G228AA
CRT CIRCUIT

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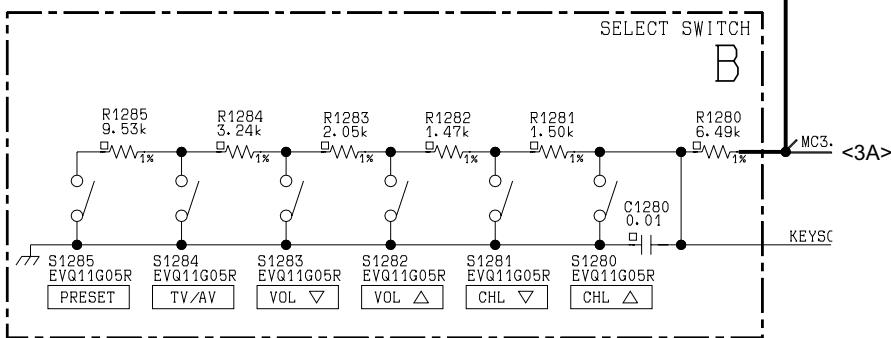
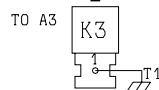
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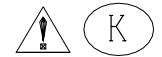


REMOCON SENSOR

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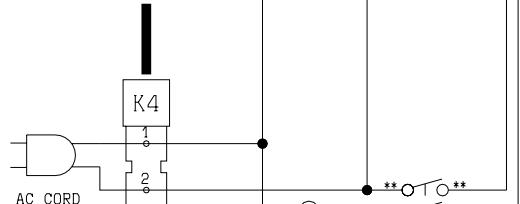
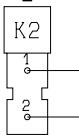


C835 2kV 2200pF
T1
NS

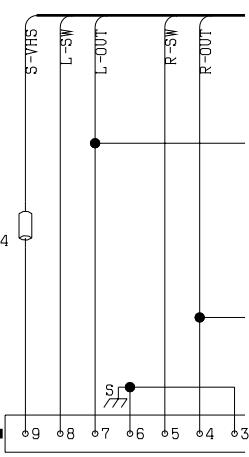


K
TNP
FRONT

TO A4 (TNP4G219)



HOT
COLD

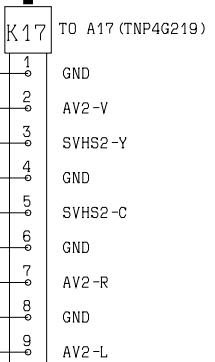
L3150
EXCELSA24

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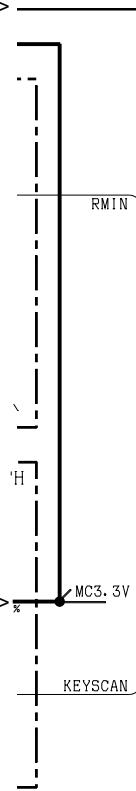
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AV2-V

AV2-Y

AV2-C

AV2-R

AV2-L

AV2-C

AV2-Y

AV2-V

AV2-L

AV2-R

<3A>



L-OUT

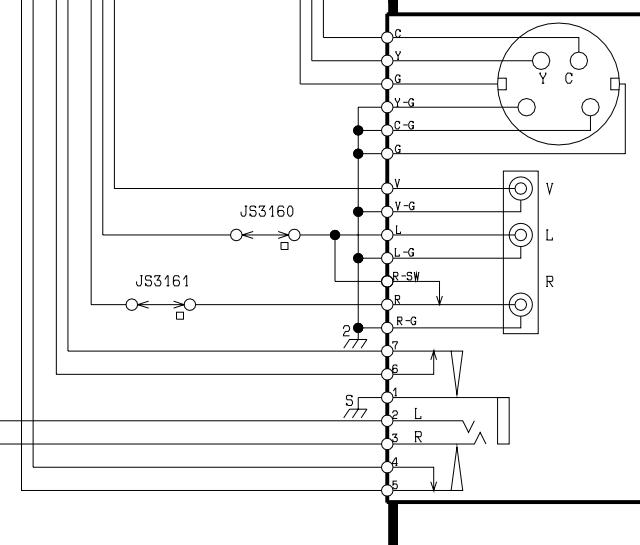
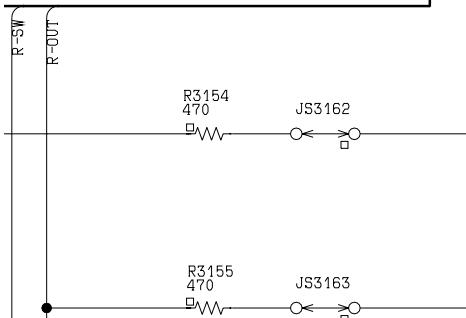
L-SW

R-SW

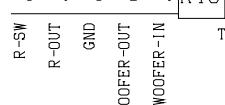
R-OUT

TNP4G229AA FRONT AV CIRCUIT

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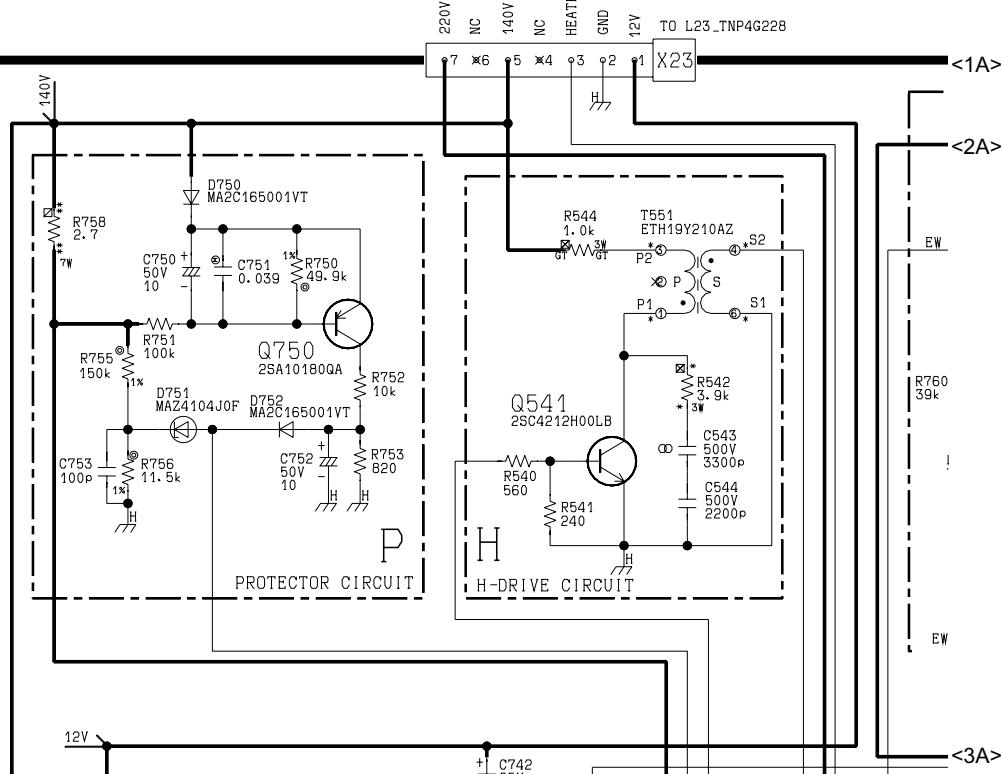
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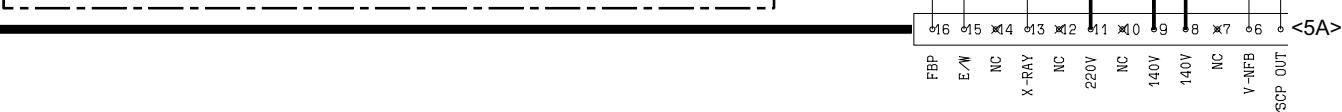
TO A16 (TNP4G219)

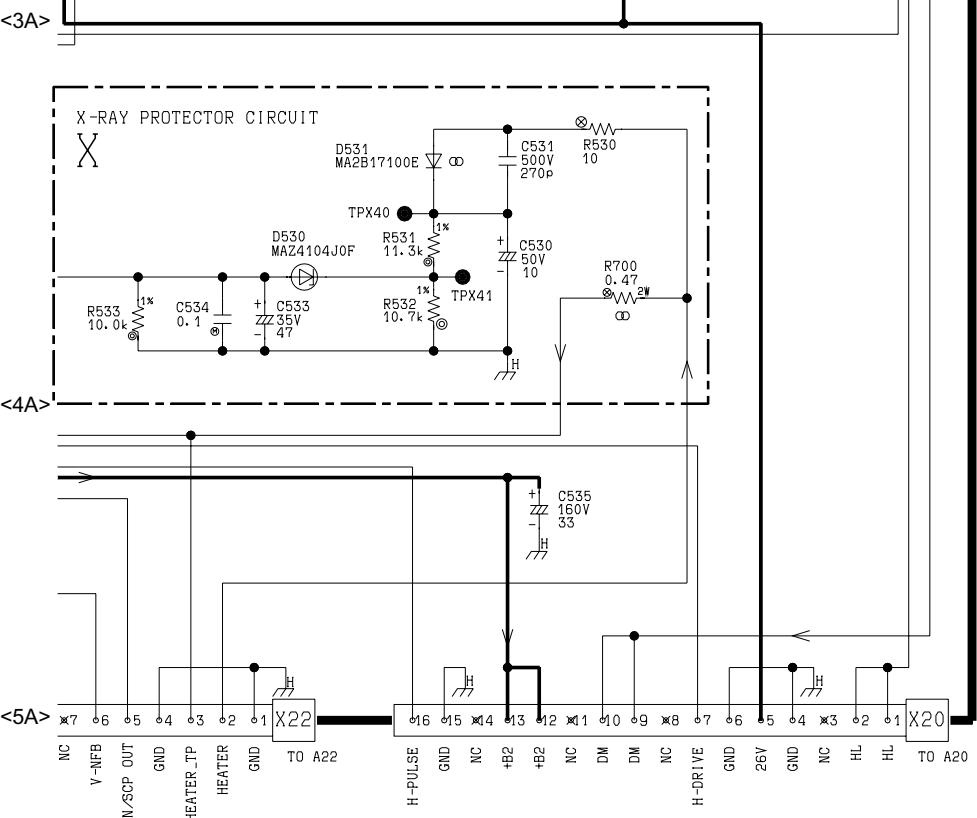
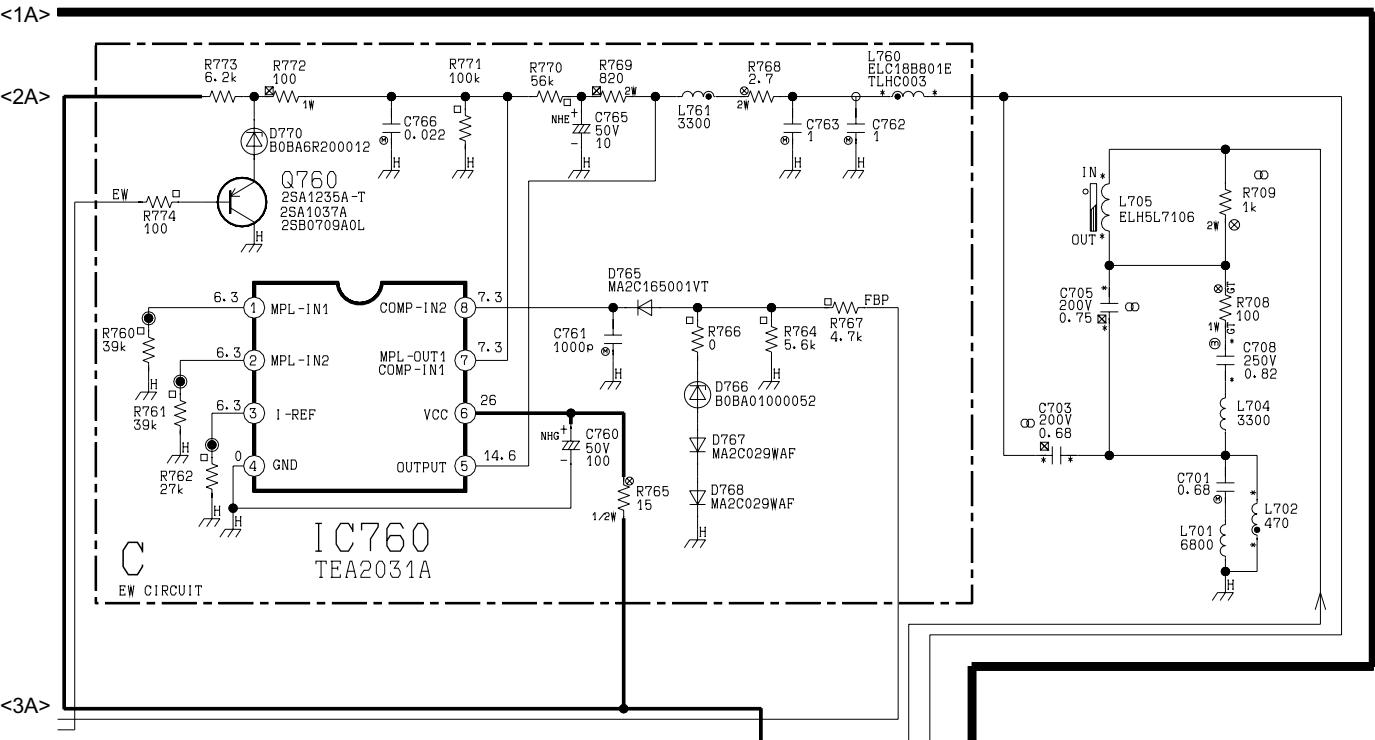


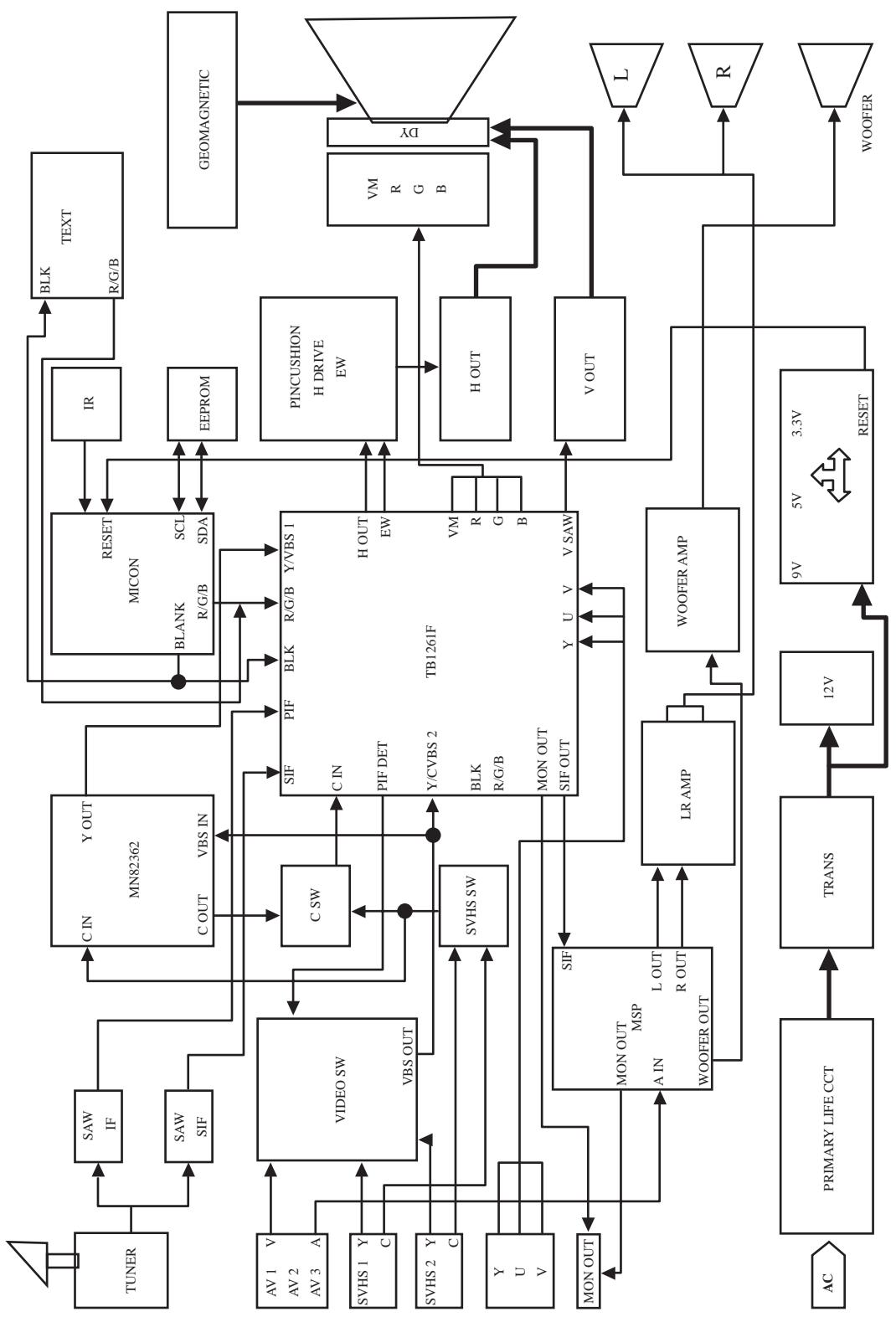
TNP4G240AA

EW/H_DRIVE/N_BLANK/
PROTECTION CIRCUITIC731
COABBA000073

CRT NECK PROTECTION CIRCUIT



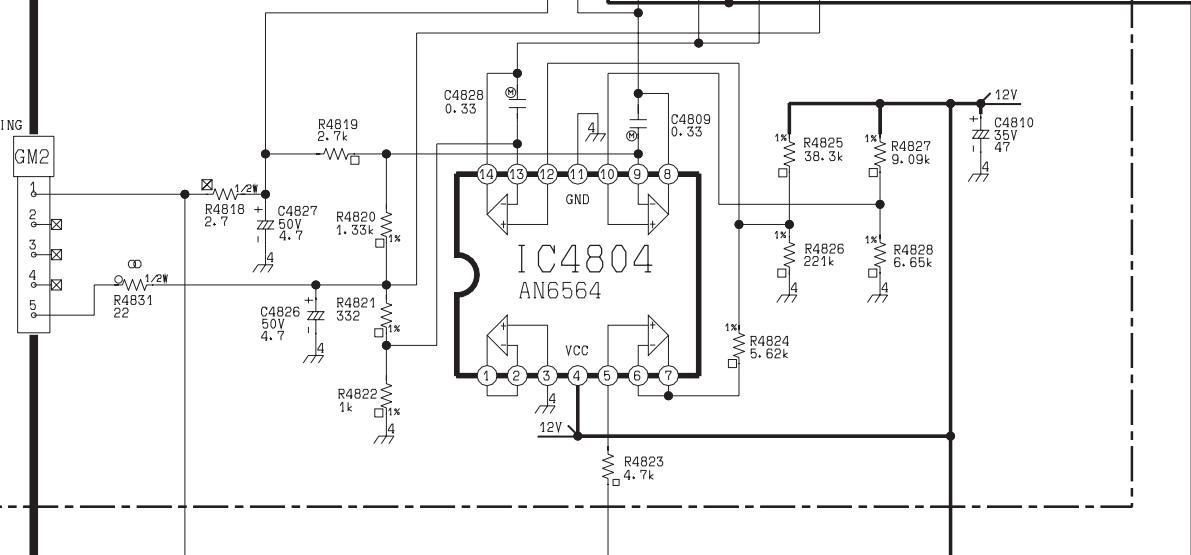
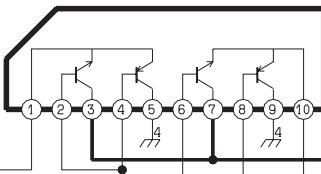




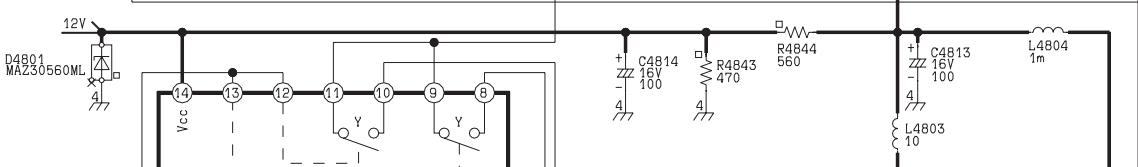
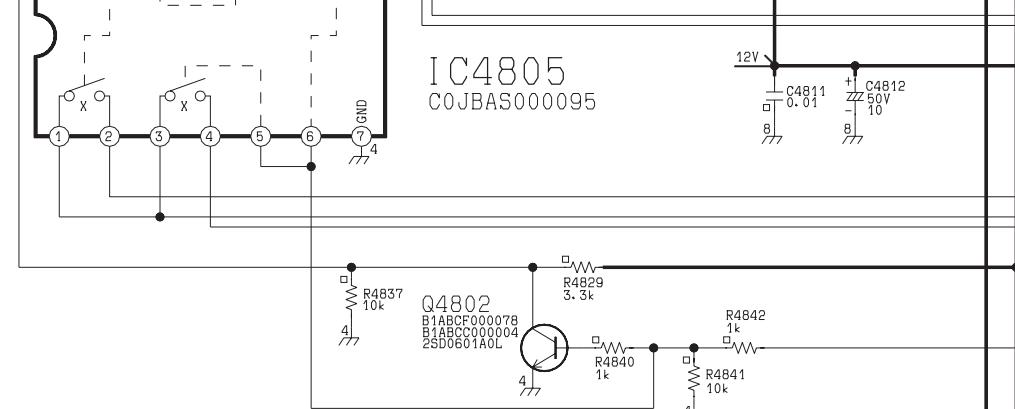
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AUTO CANCELLOR1

IC4803
PUB4301

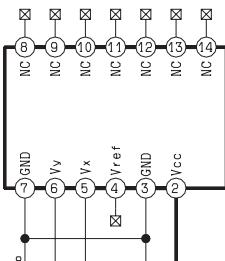
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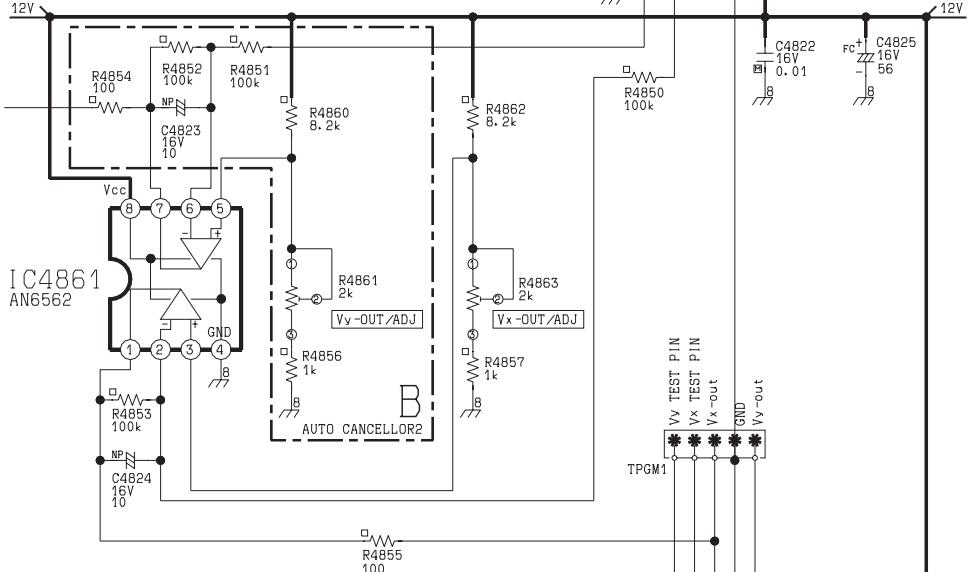
12V 11V AUTO/MANUAL

9 8 7

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LC4801
L2DA00000006GEOMAGNETIC
SENSOR

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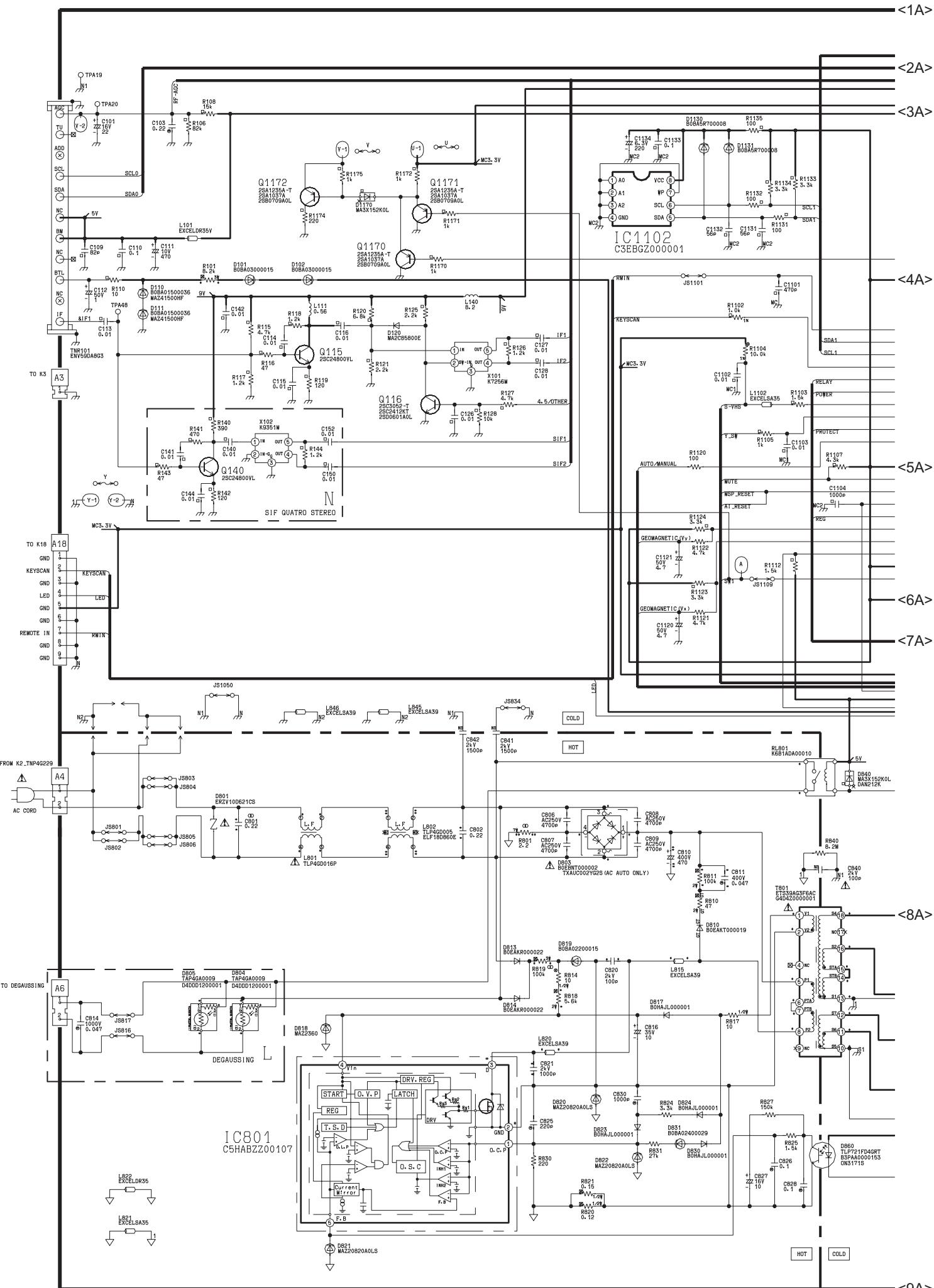
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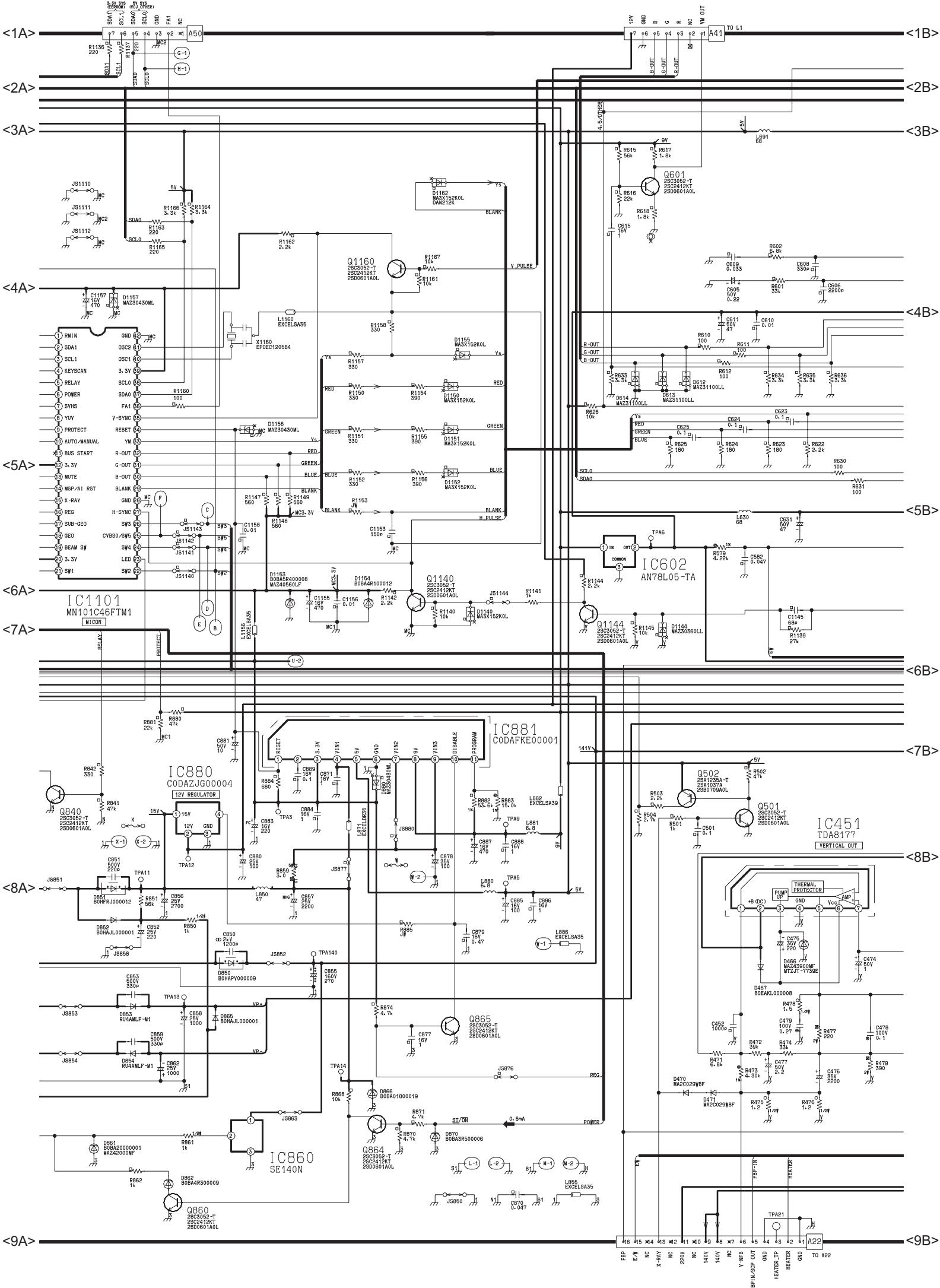
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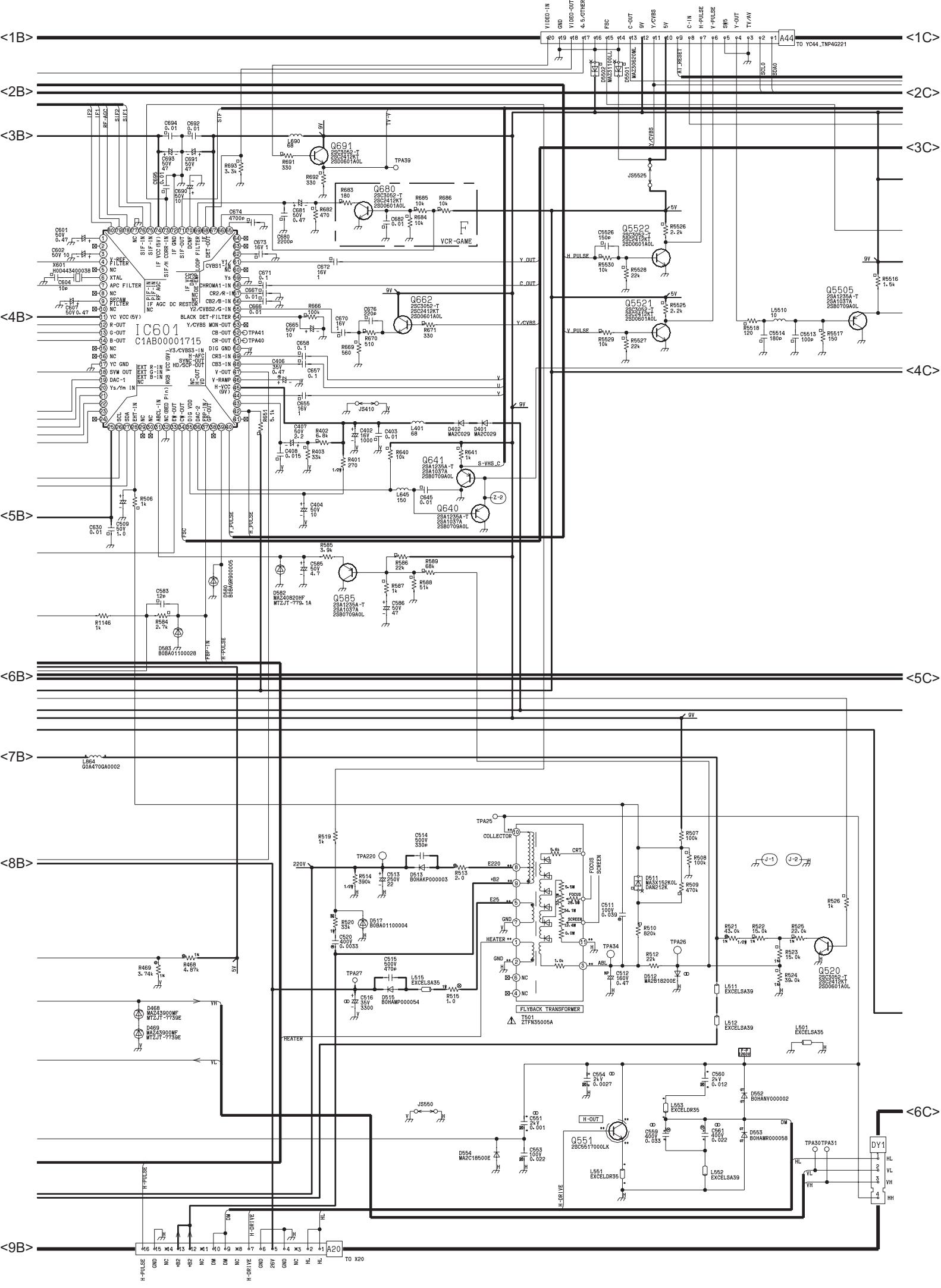
L4802
EXCELDRL35
TSKA038-1(GM) TNP4G118AW
GEOMAGNETIC CIRCUIT

MICON Vy
MICON Vx
Vx TEST PIN
Vx TEST PIN
TO A7

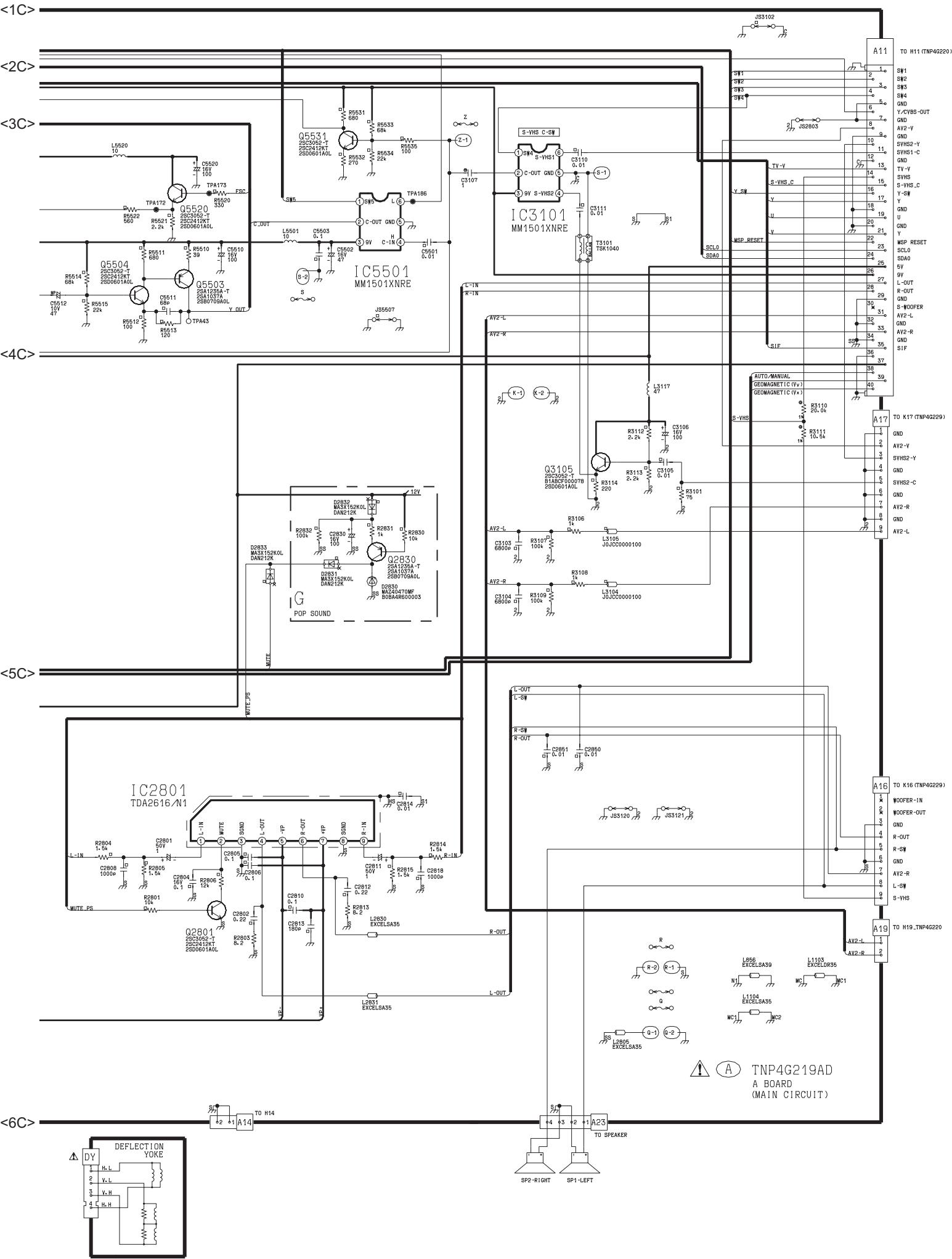


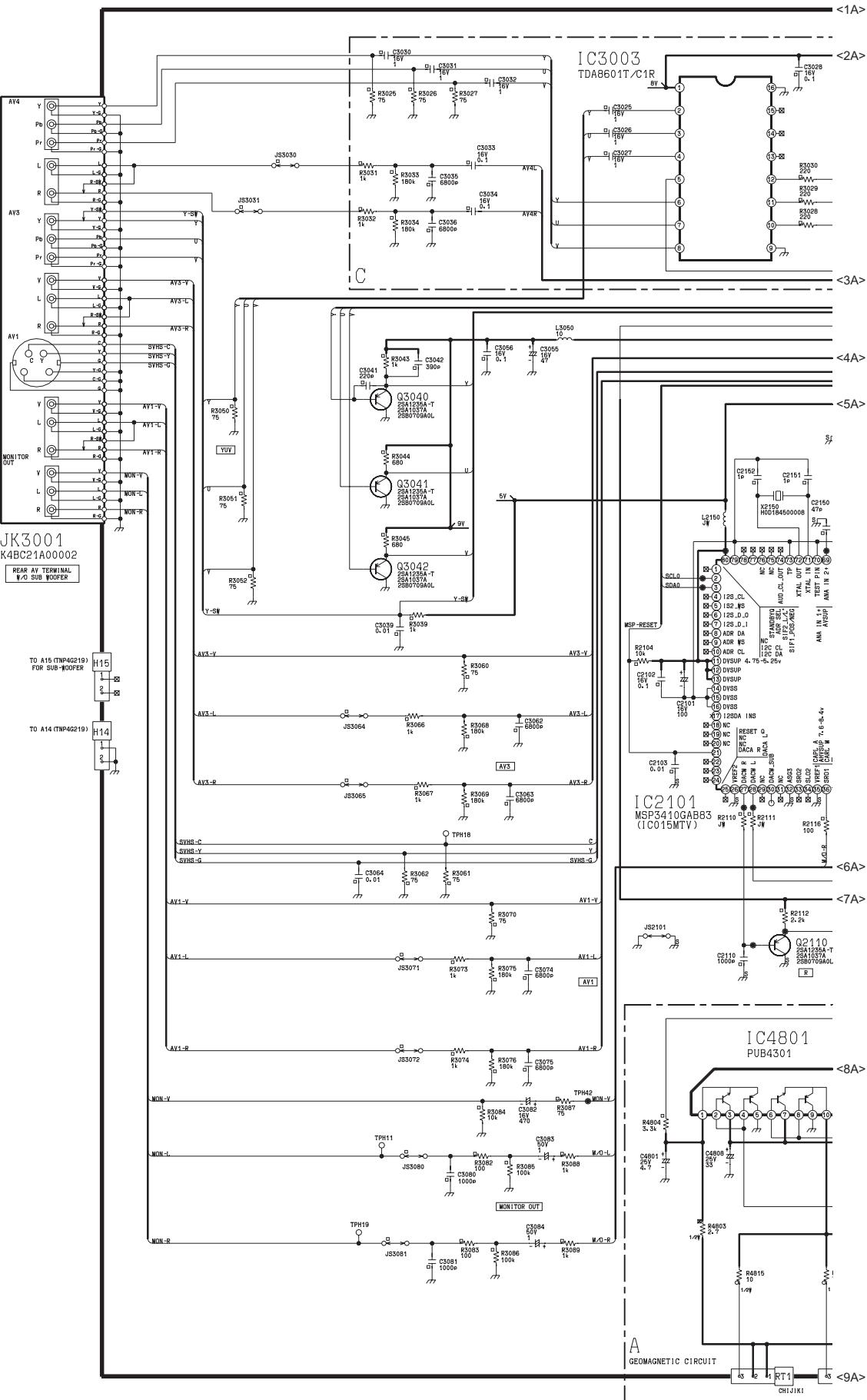
A Board TC-29PS72H Schematic Diagram (1/4)



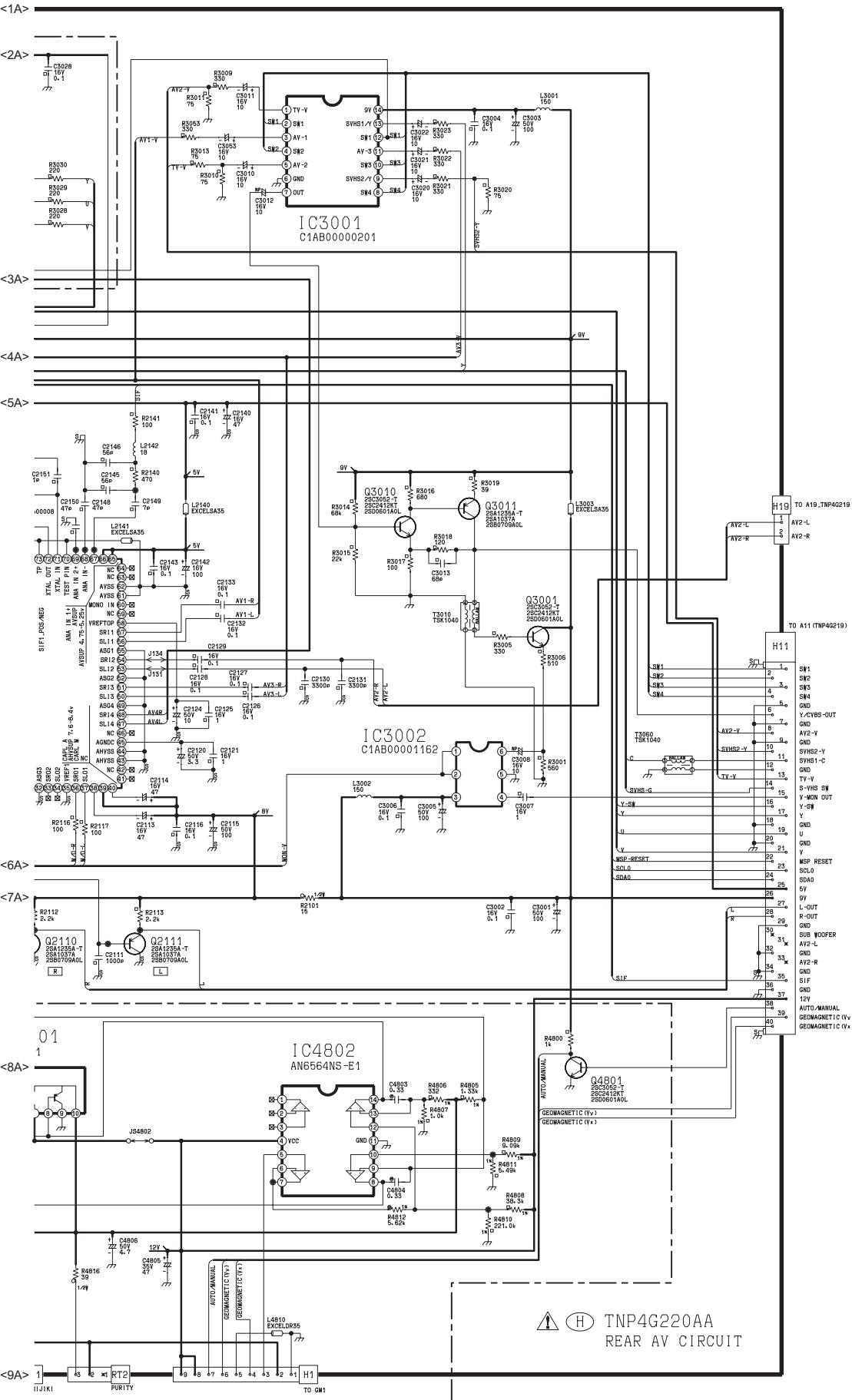


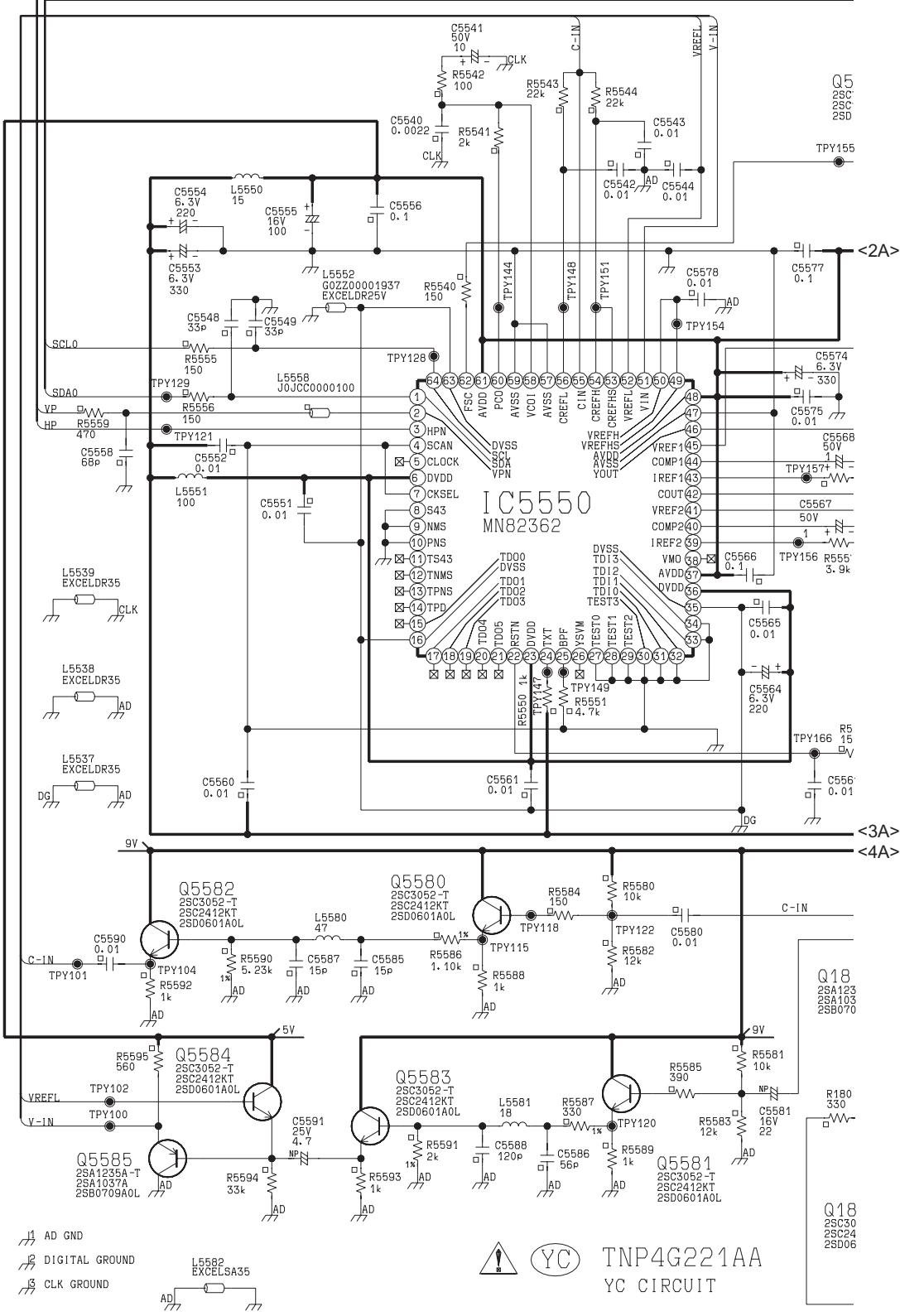
A Board TC-29PS72H Schematic Diagram (3/4)



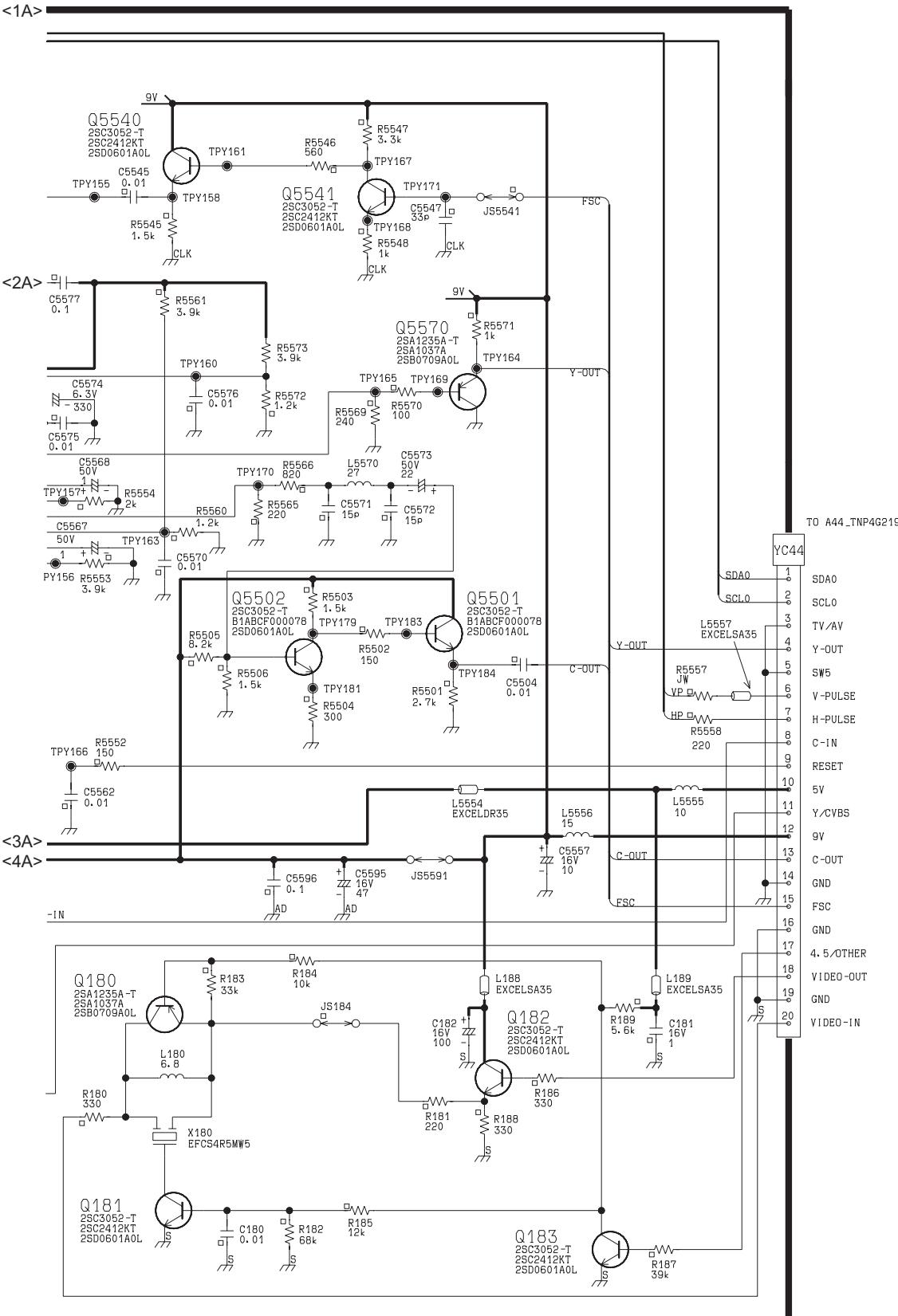


H Board TC-29PS72H Schematic Diagram (1/2)

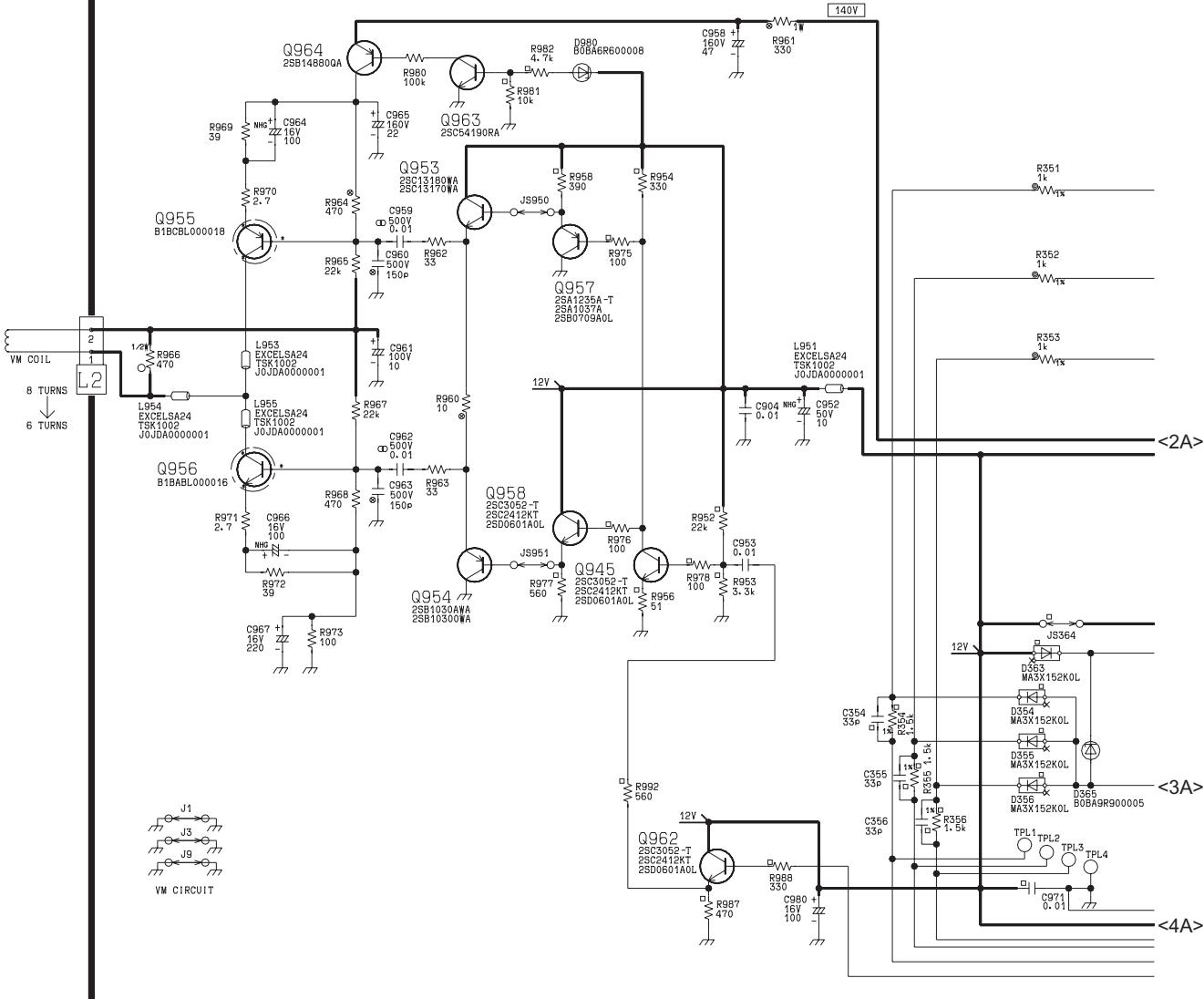




YC Board TC-29PS72H Schematic Diagram (1/2)

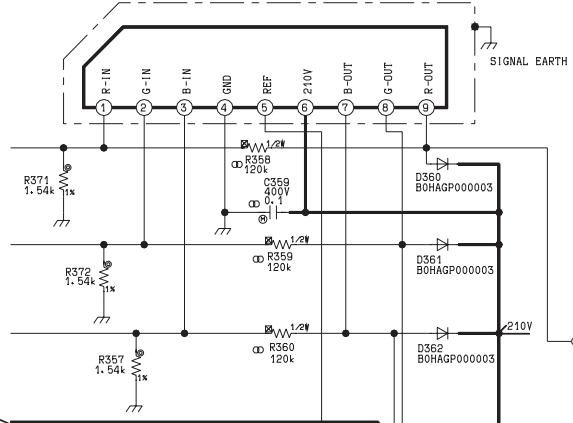


YC Board TC-29PS72H Schematic Diagram (2/2)

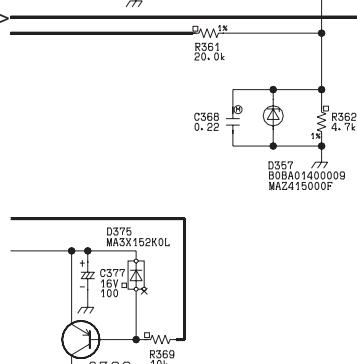


L Board TC-29PS72H Schematic Diagram (1/2)

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TXAU0041V025
TUC37644-1
or TUC37644-2IC351
C1AA00000622
C1AA00000323⚠ L TNP4G228AA
CRT CIRCUIT

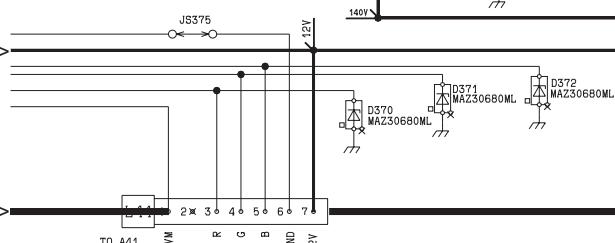
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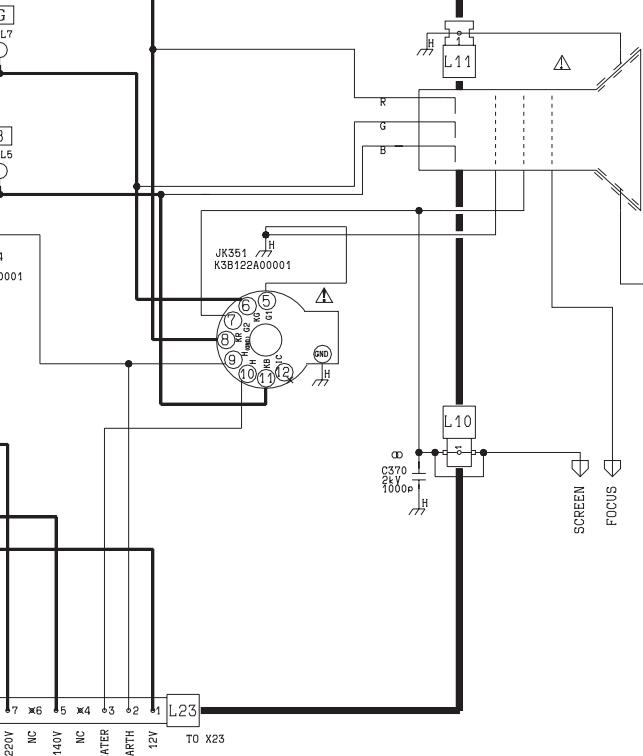
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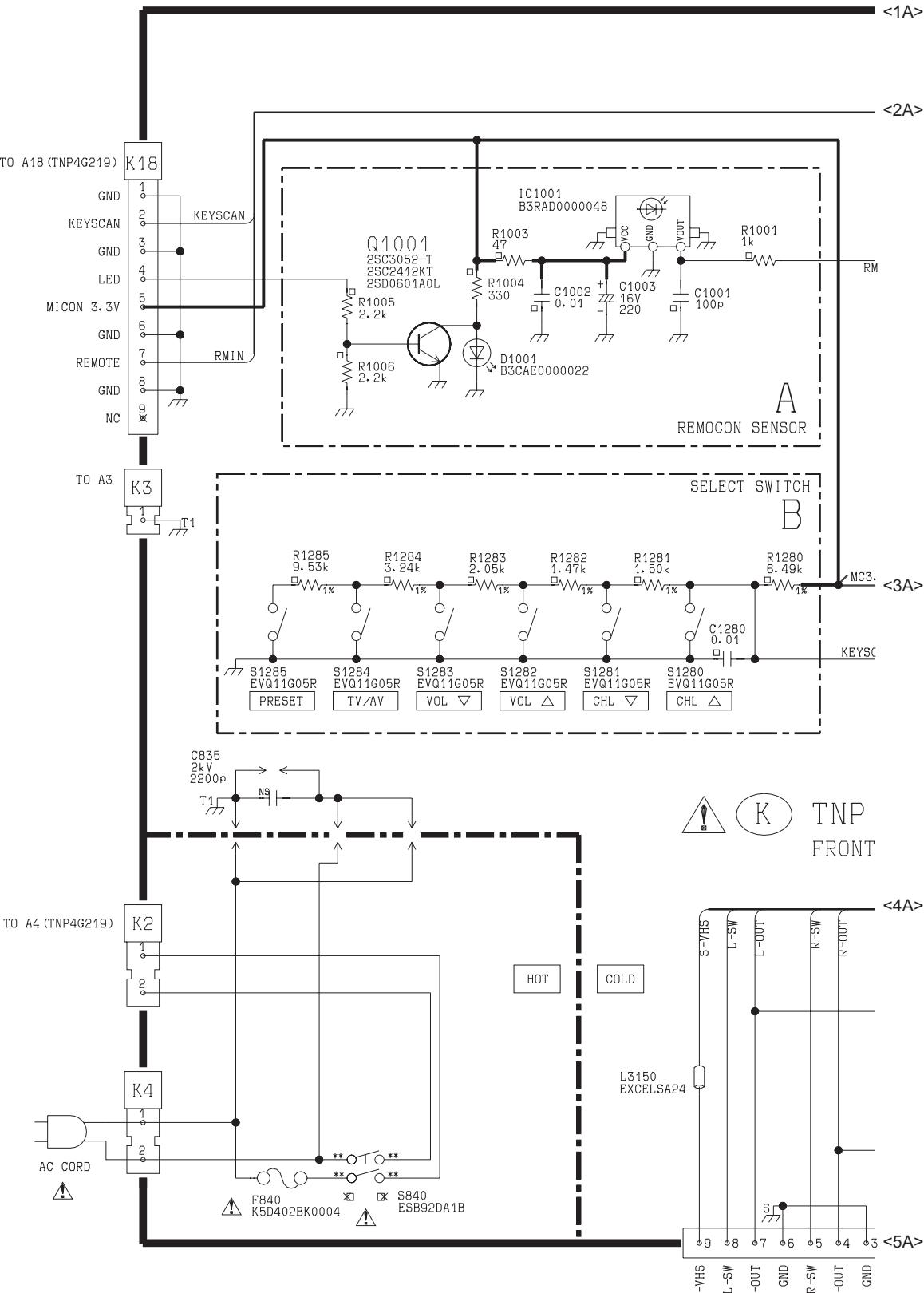


L Board TC-29PS72H Schematic Diagram (2/2)

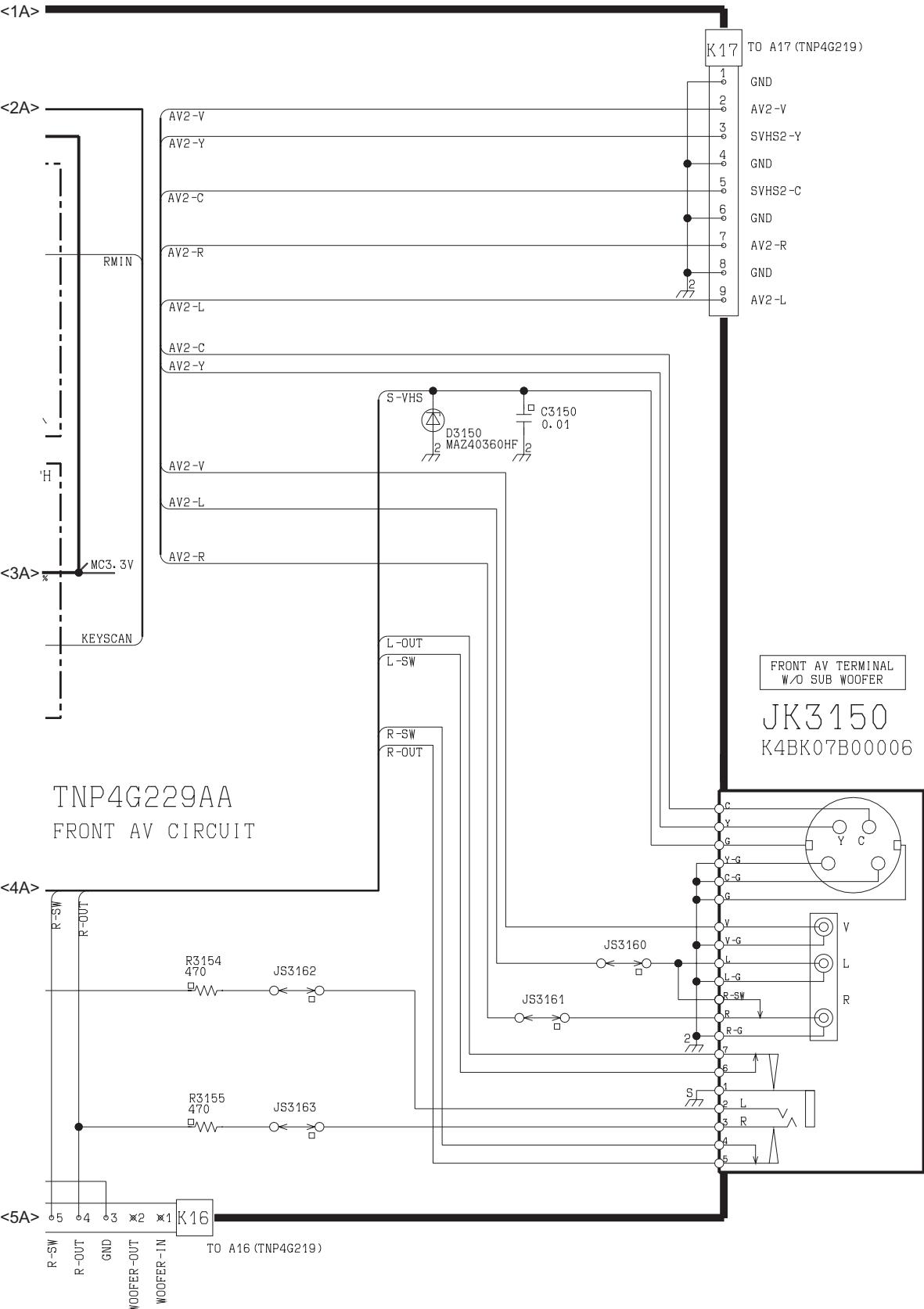


HIGH VOLTAGE <

FOCUS <



K Board TC-29PS72H Schematic Diagram (1/2)

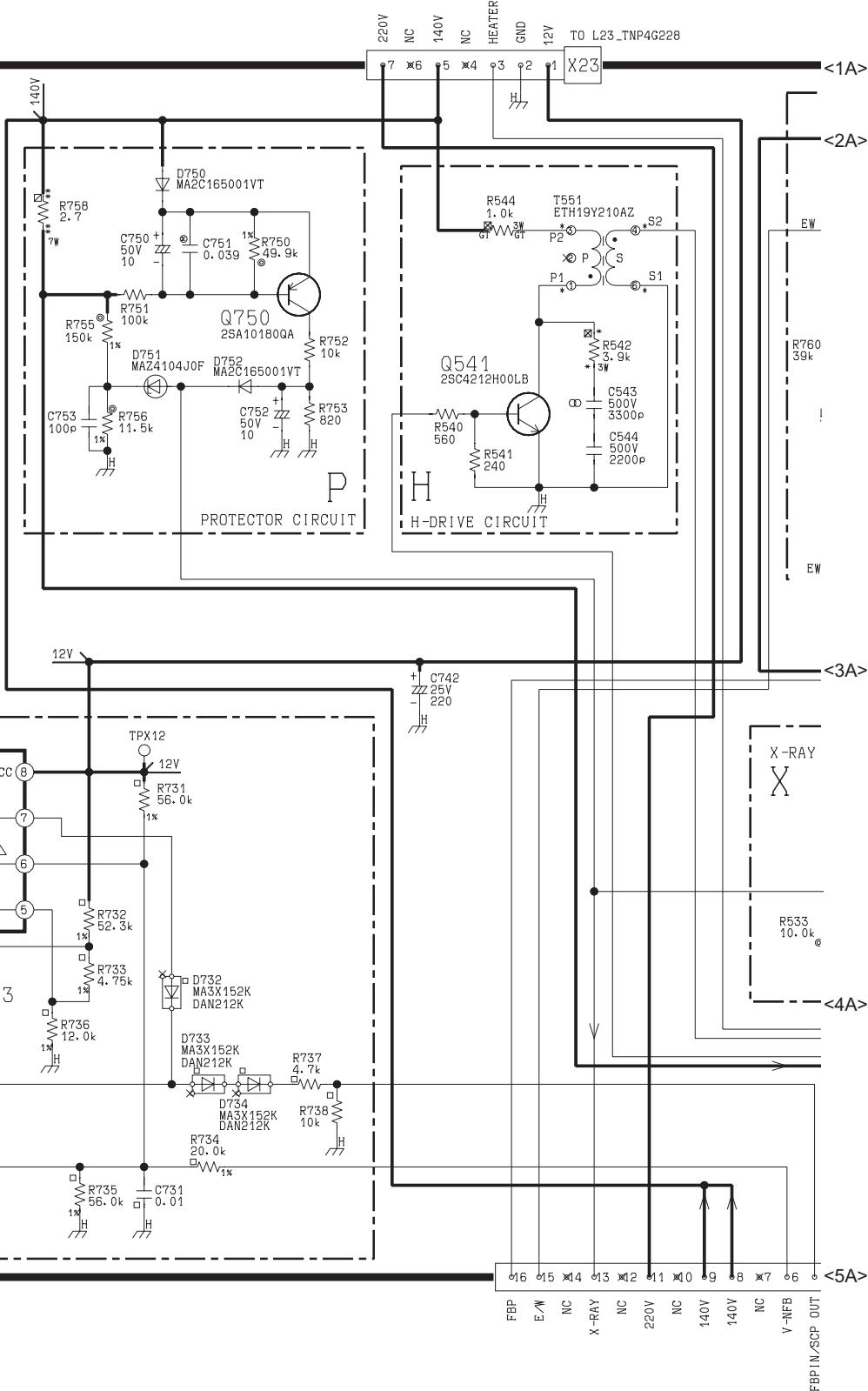


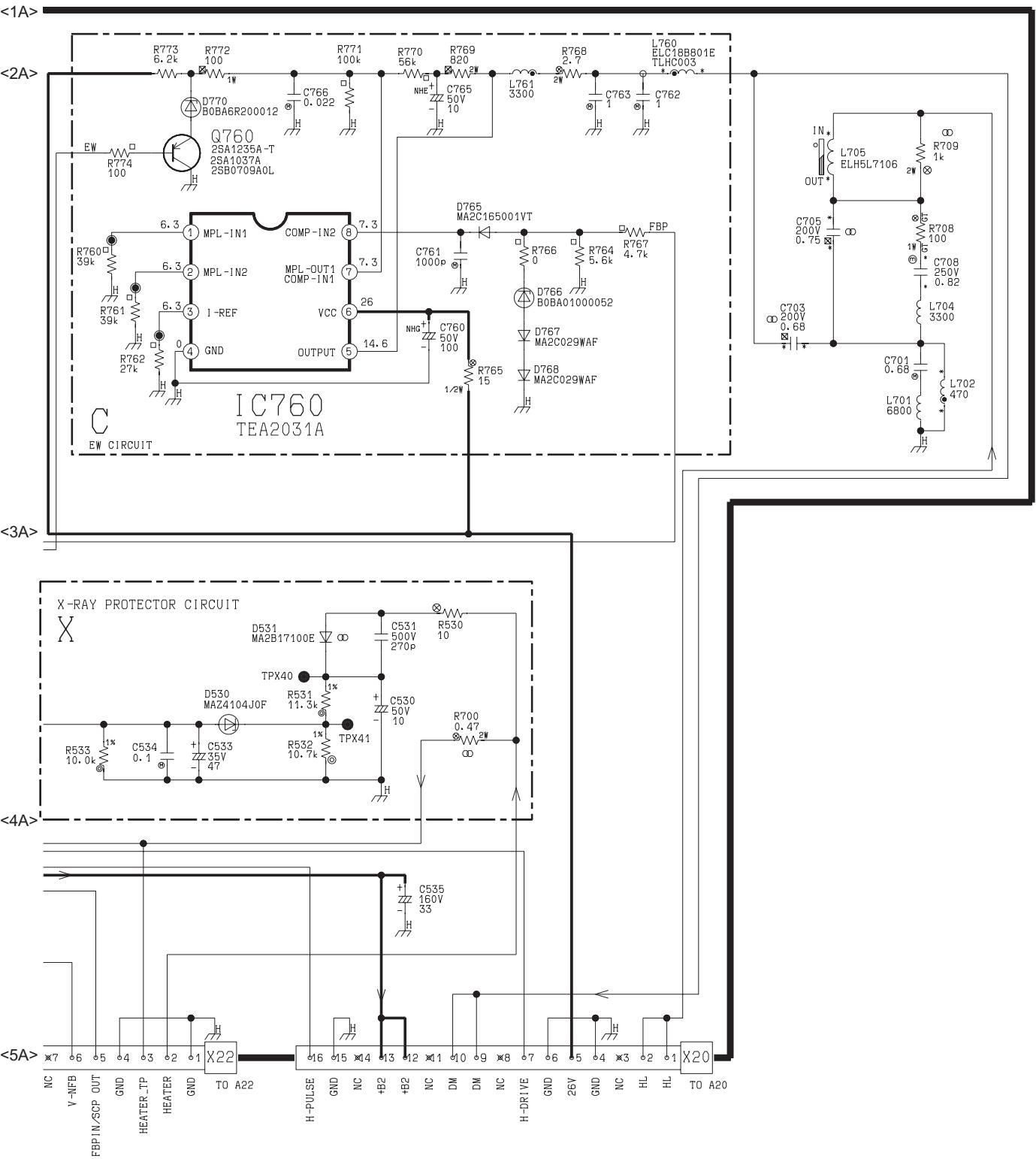
K Board TC-29PS72H Schematic Diagram (2/2)

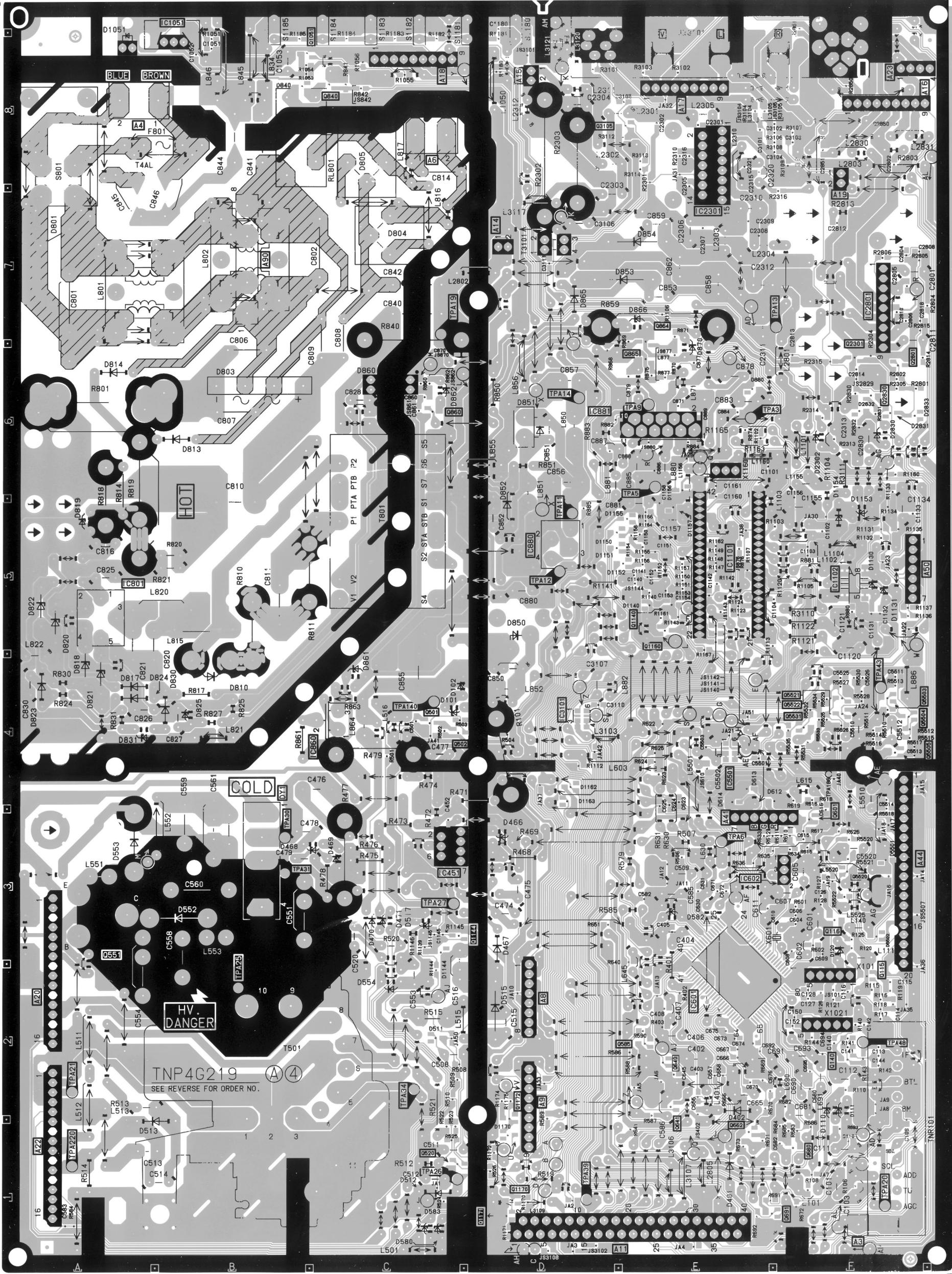
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TNP4G240AA

EW/H_DRIVE/V_BLANK/ PROTECTION CIRCUIT



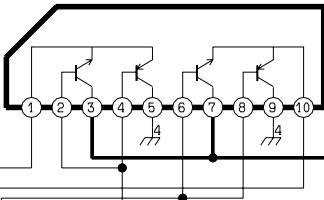




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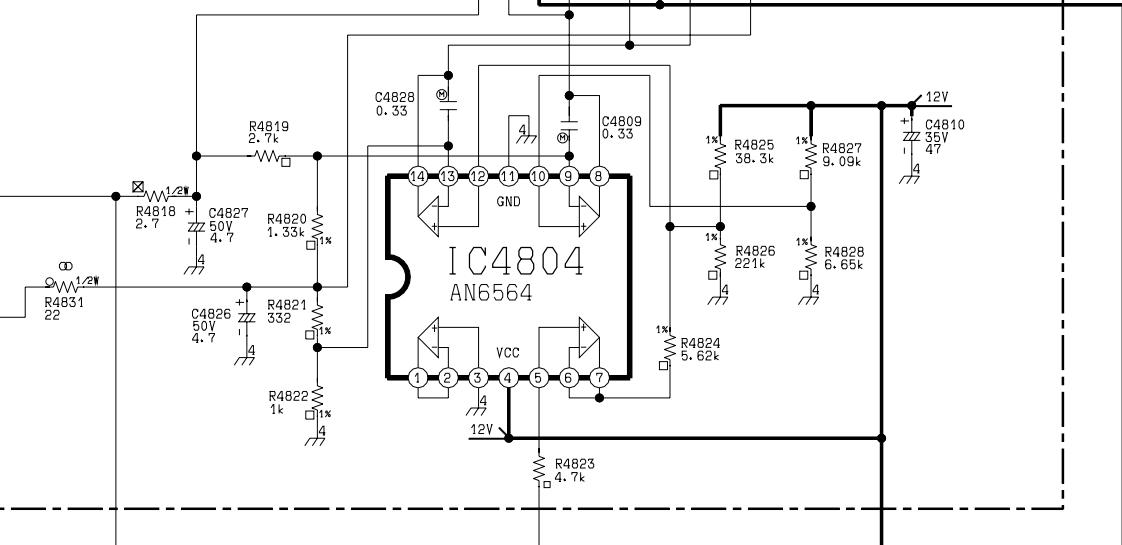
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AUTO CANCELLOR1

IC4803
PUB4301

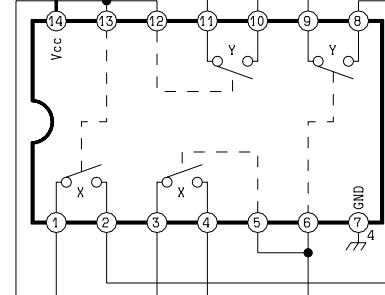
TO DEGAUSSING

GM2



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12V

D4801
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COJBAS000095

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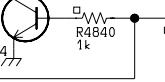
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12V

C4811
0.01
16V
100R4843
470
560C4813
16V
100L4804
1m

<5A>

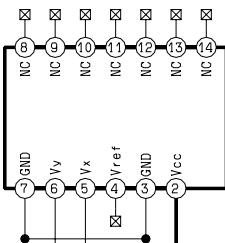
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Q4802
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B1ABC000004
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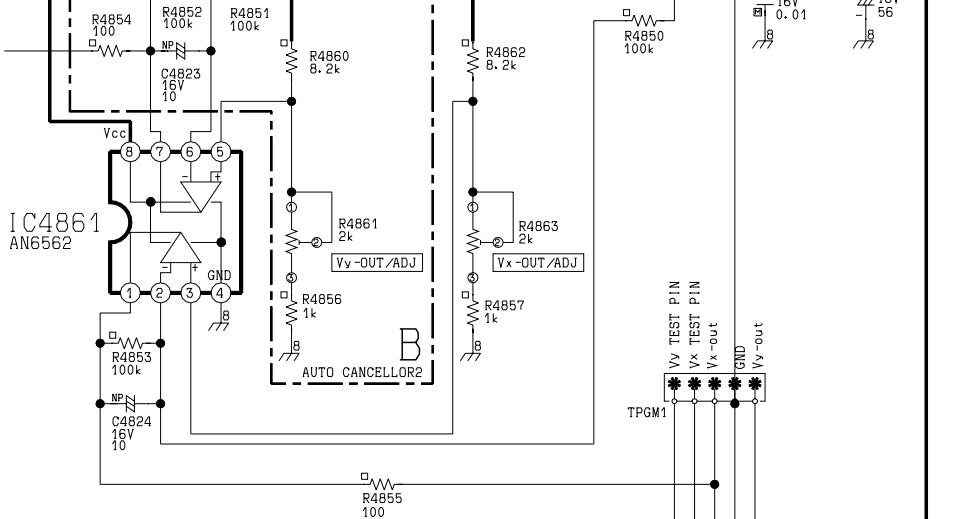
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12V
11V
AUTO/MANUAL

<1A>

LC4801
L2DA00000006GEOMAGNETIC
SENSOR

<2A>



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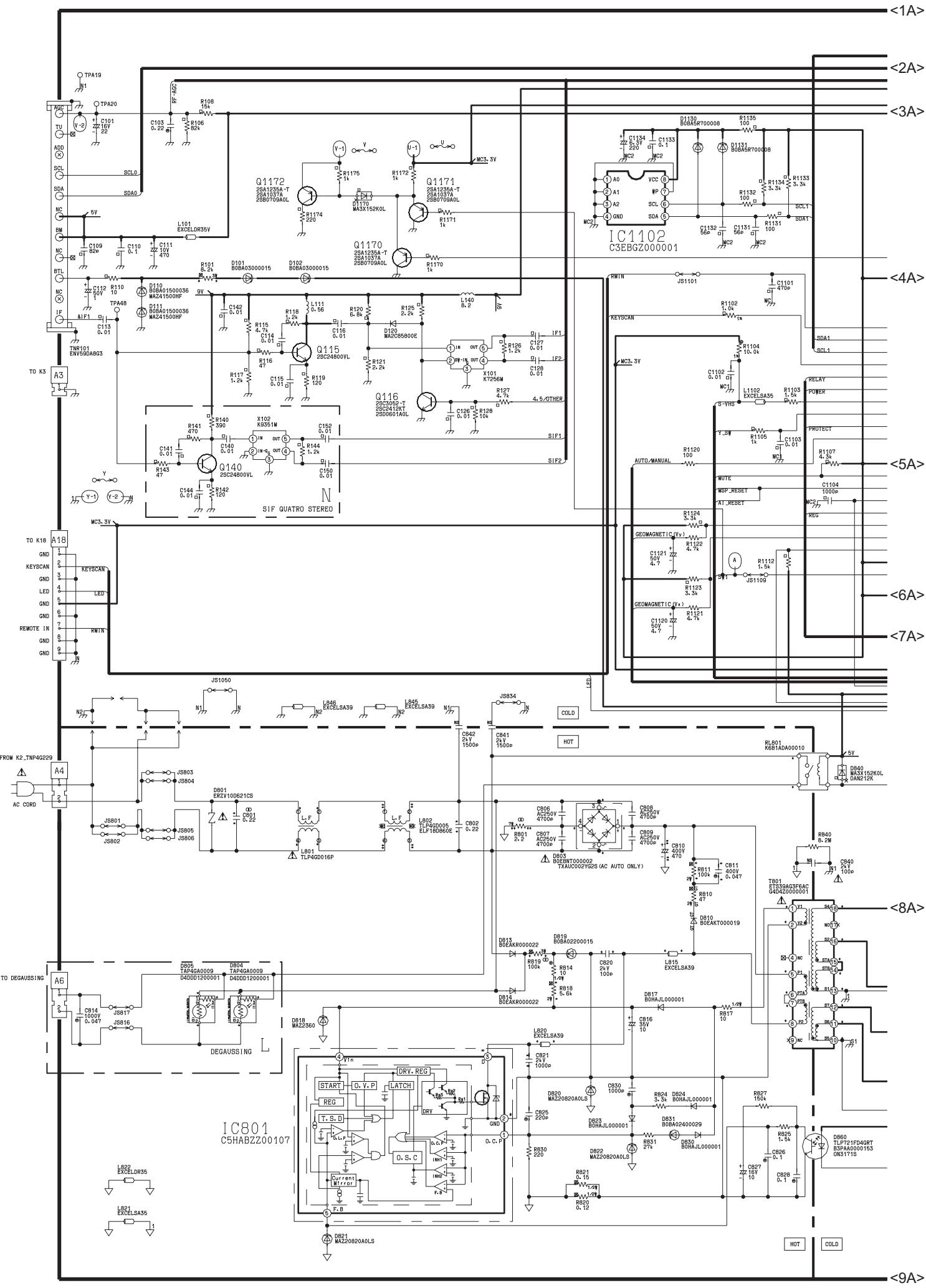
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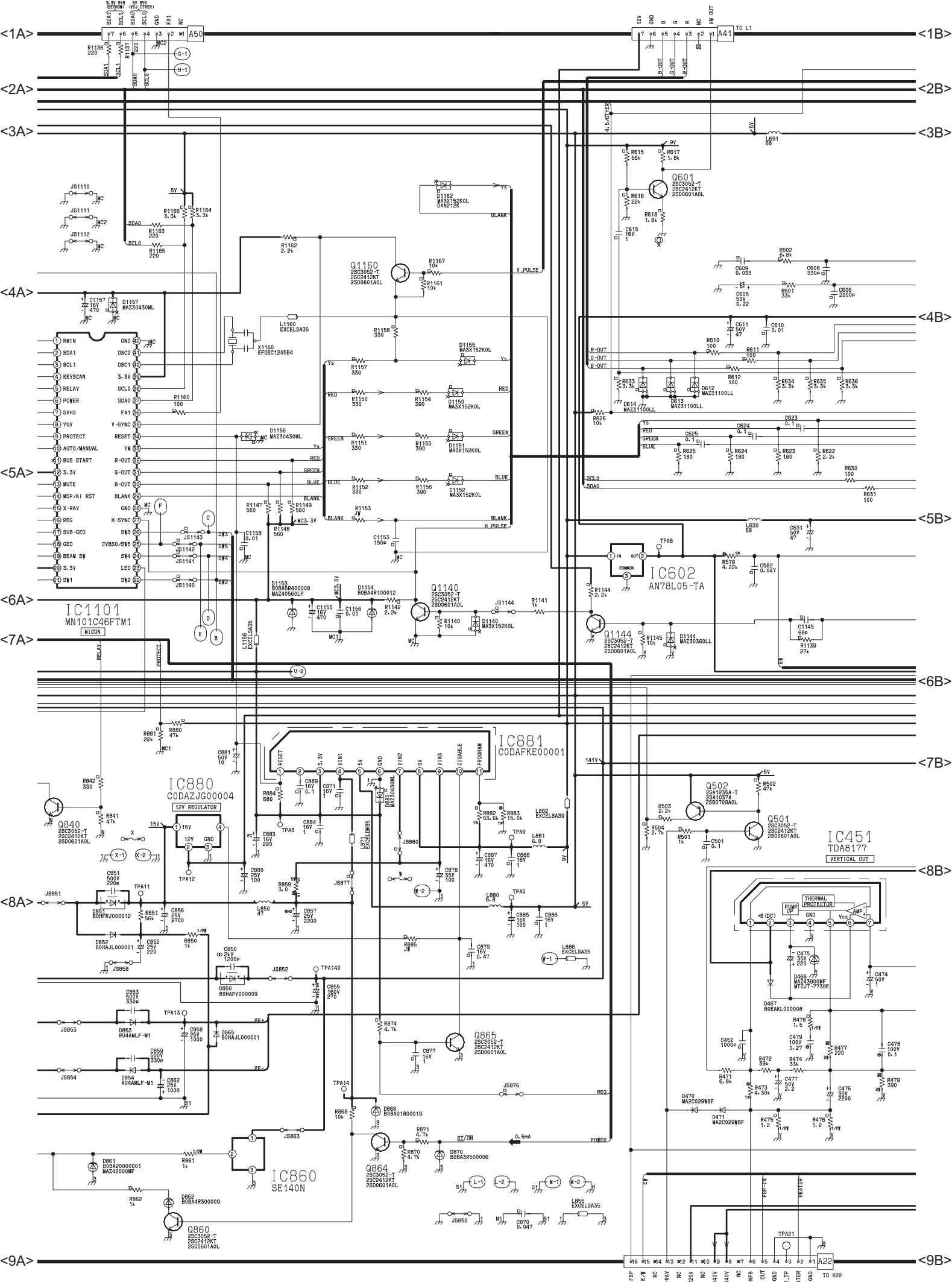
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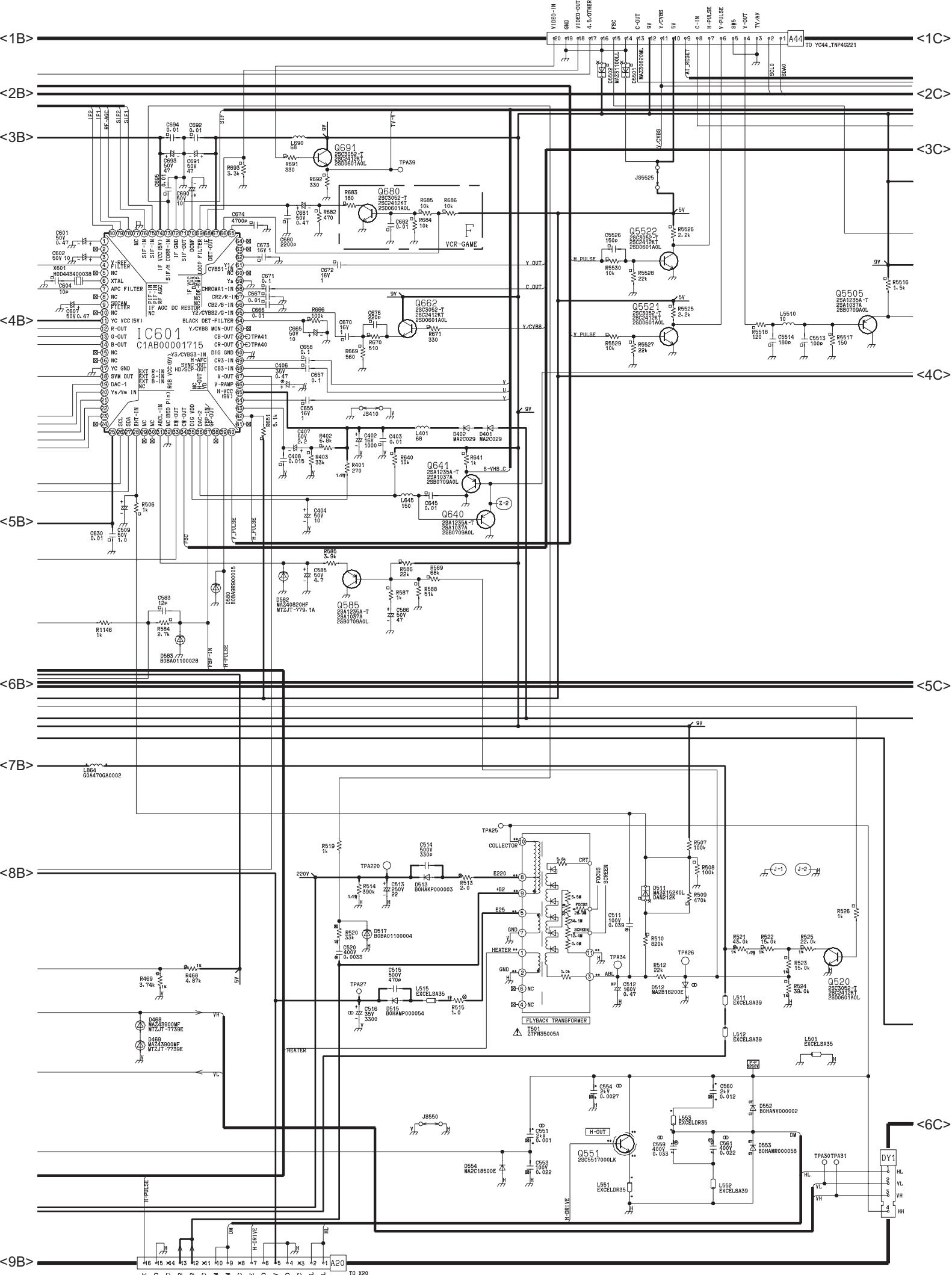
L4802
EXCELDRL35
TSKA038-1

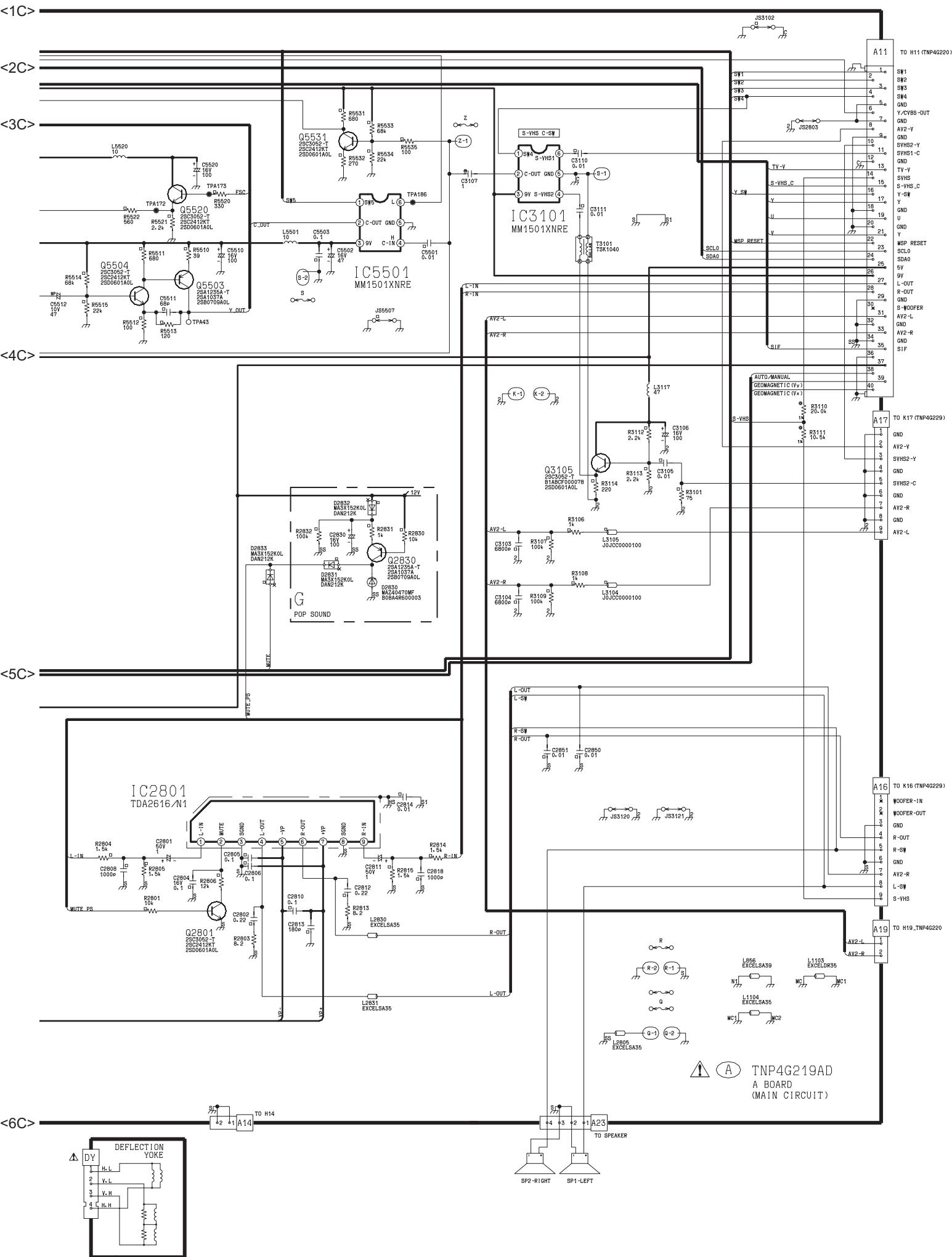
GM TNP4G118AW
GEOMAGNETIC CIRCUIT

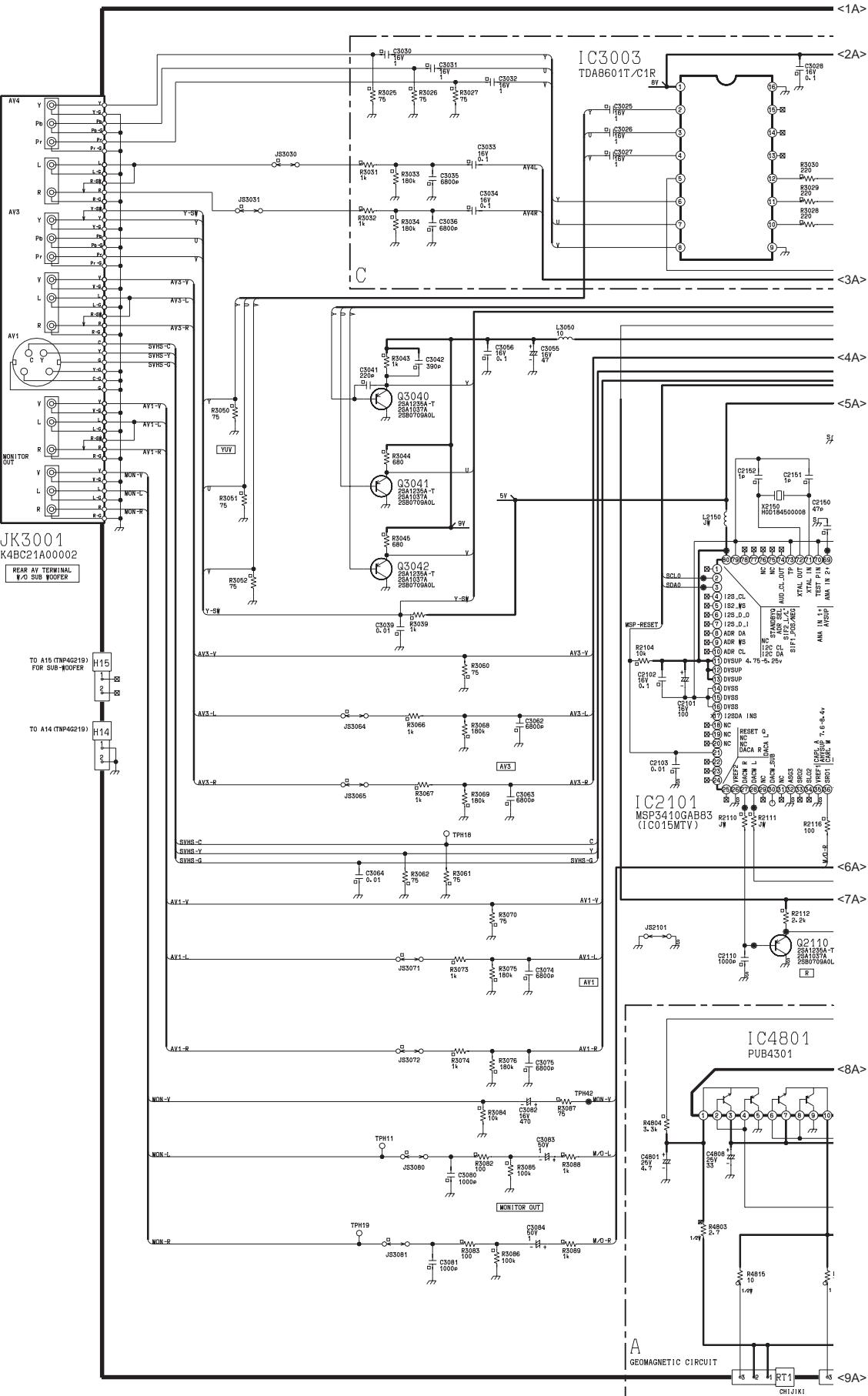
MICON Vy
MICON Vx
Vx
Vx TEST PIN
Vx TEST PIN
GND
GND
TO A7

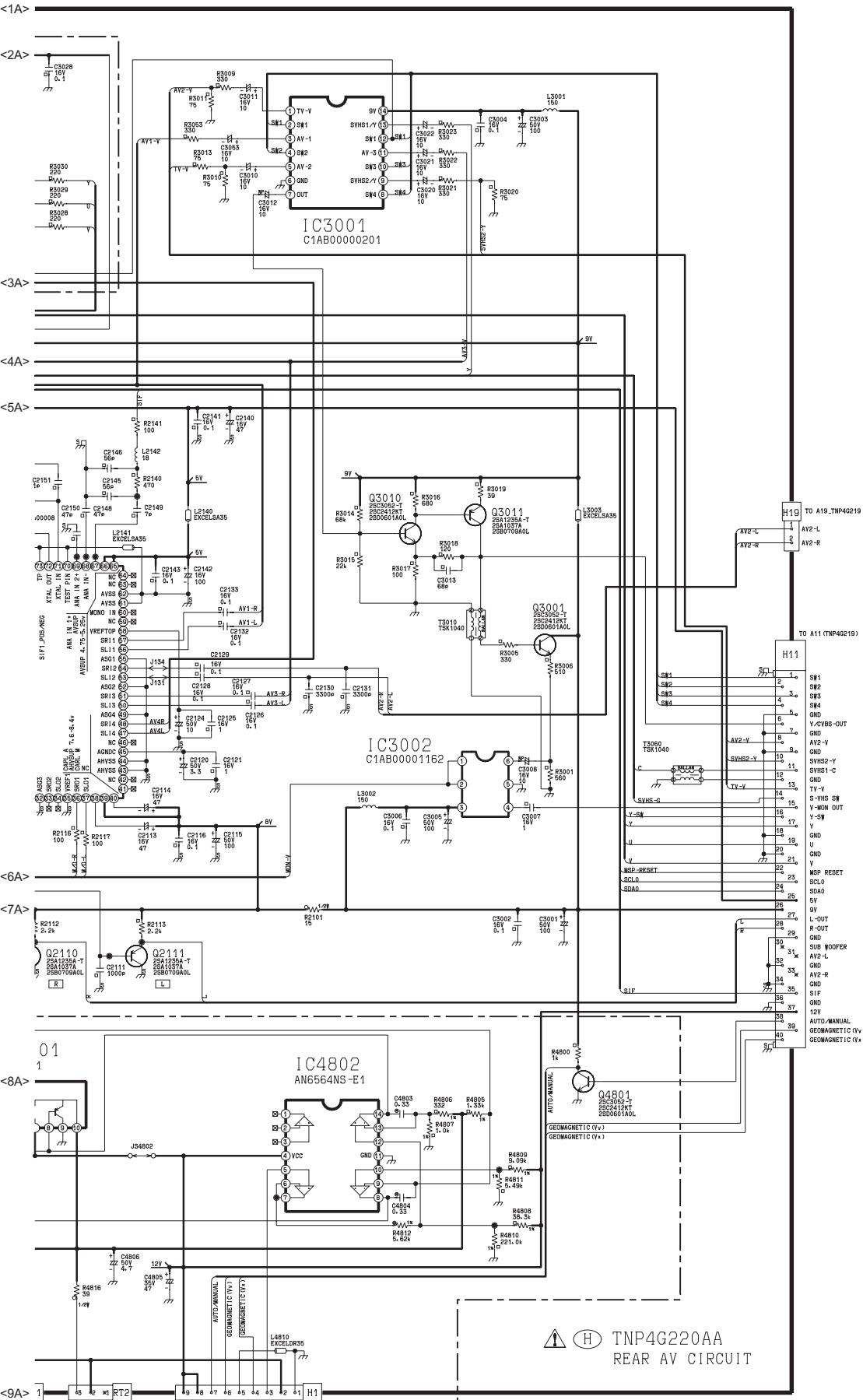


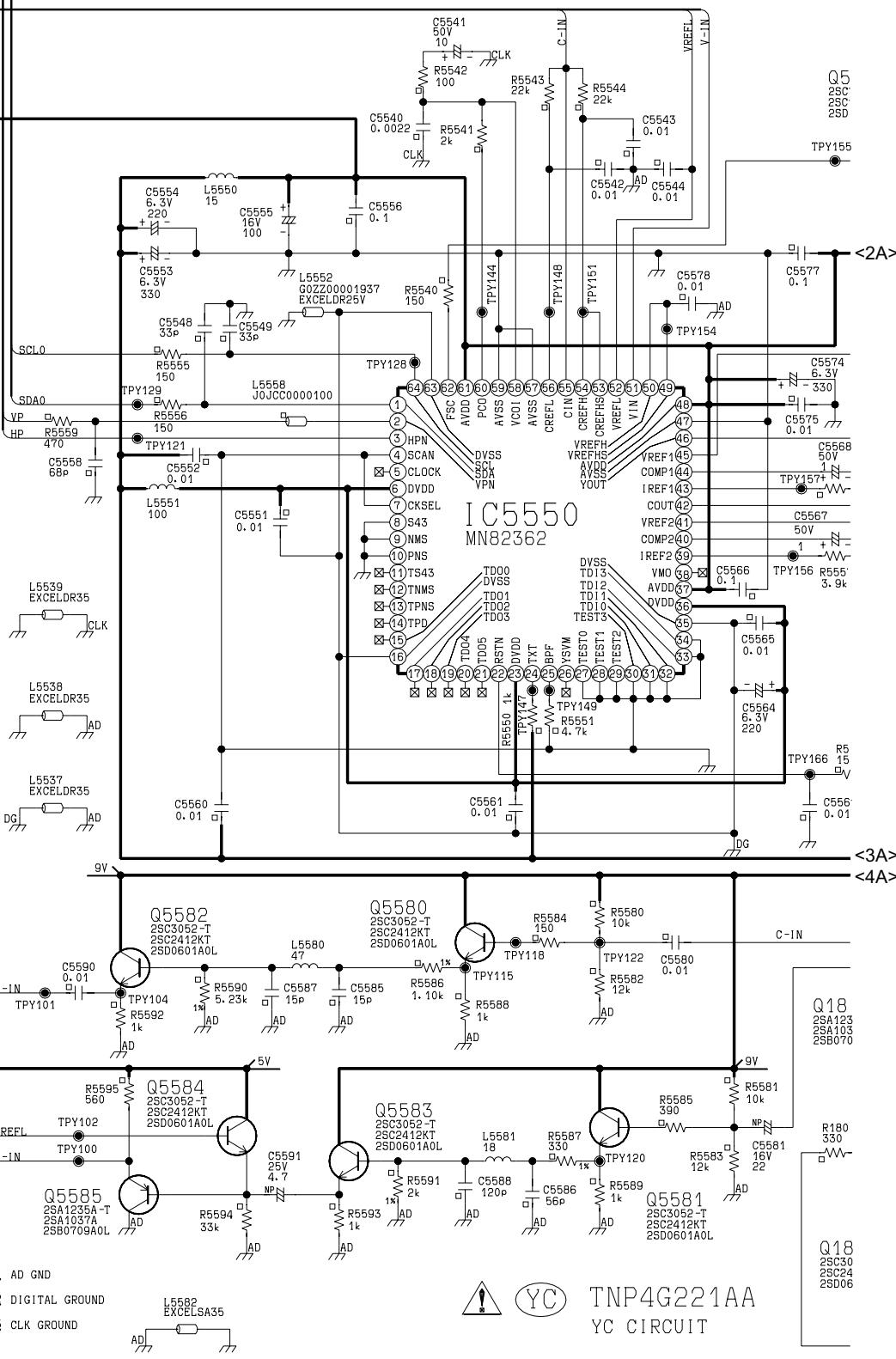












|1 AD GND

12 DIGITAL GROUND

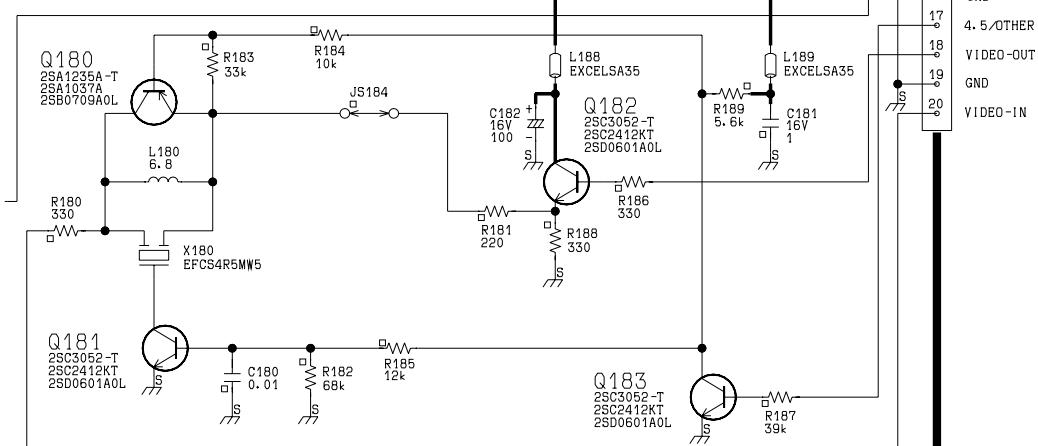
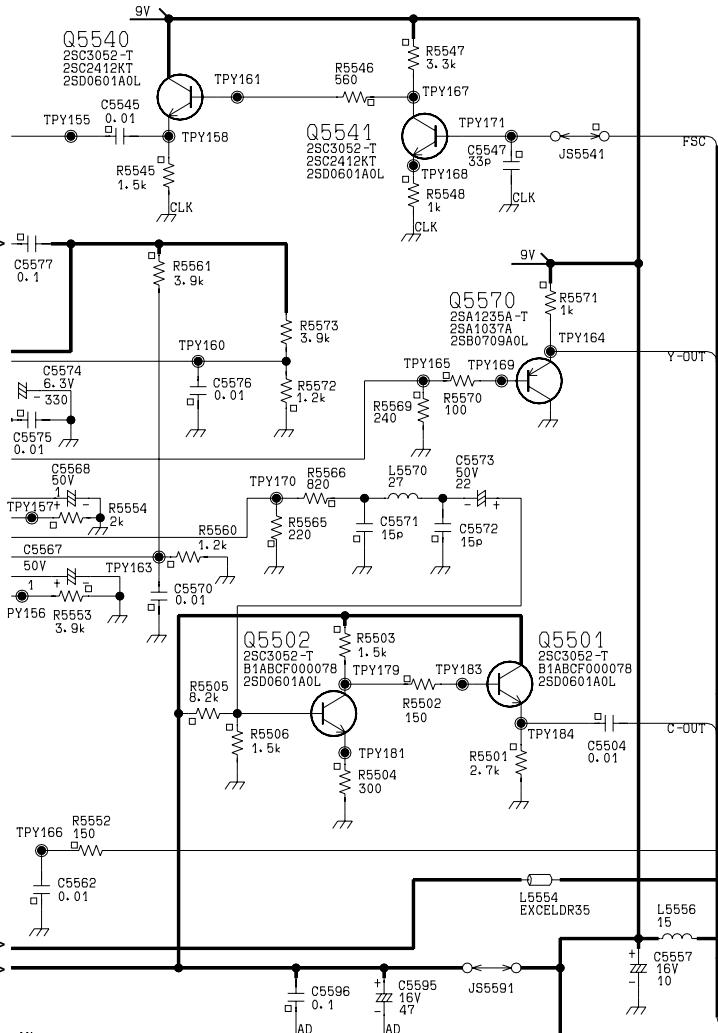
3 CLK GROUND

L5582
EXCELSA35



TNP4G221AA
YC CIRCUIT

<1A>



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